

FIG. 1

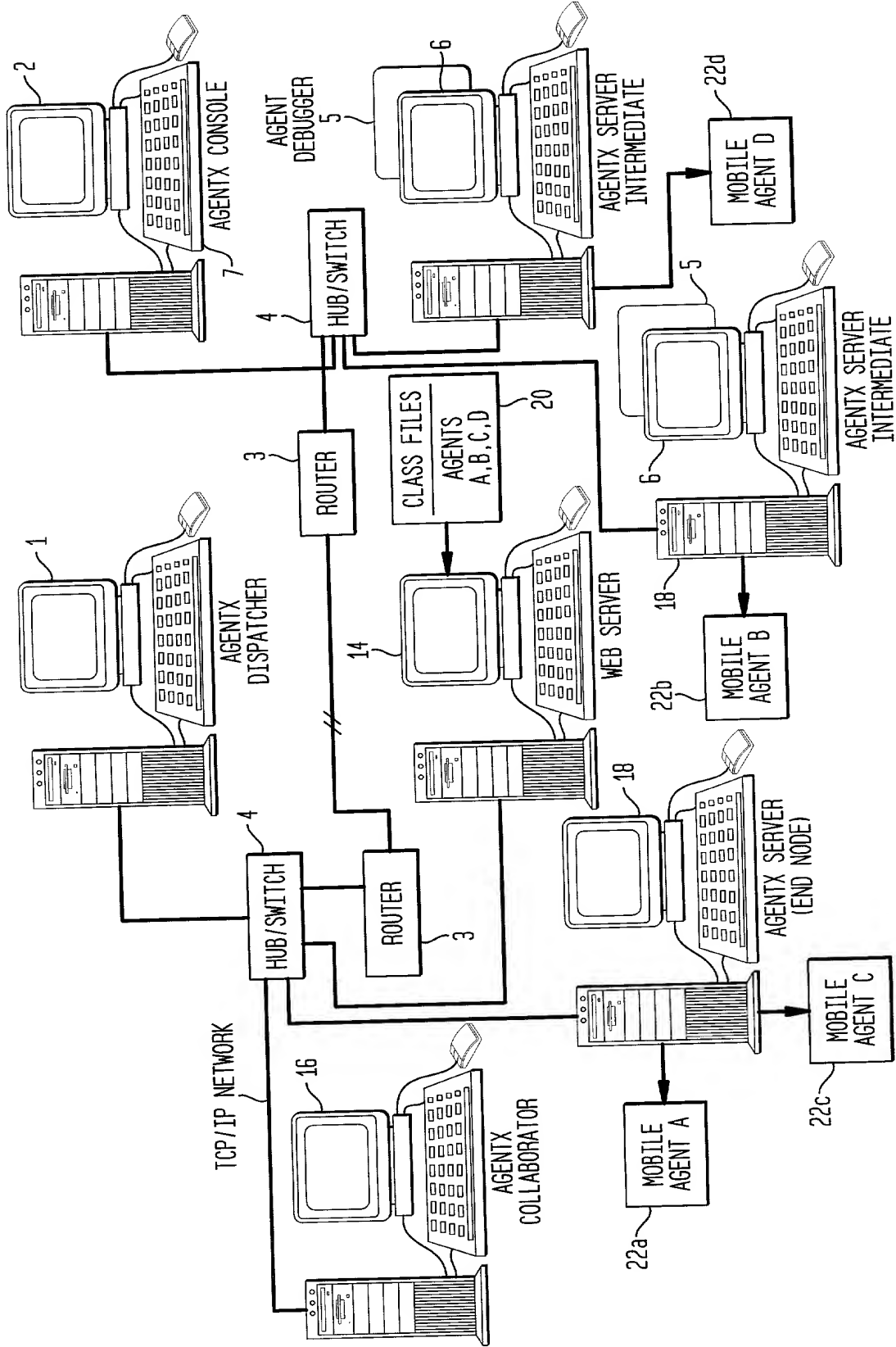


FIG. 2A

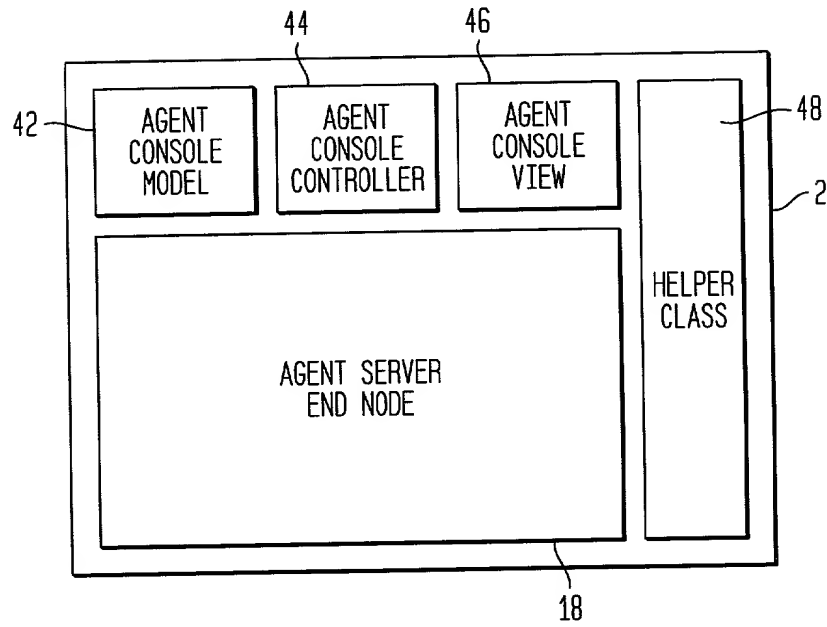


FIG. 2B

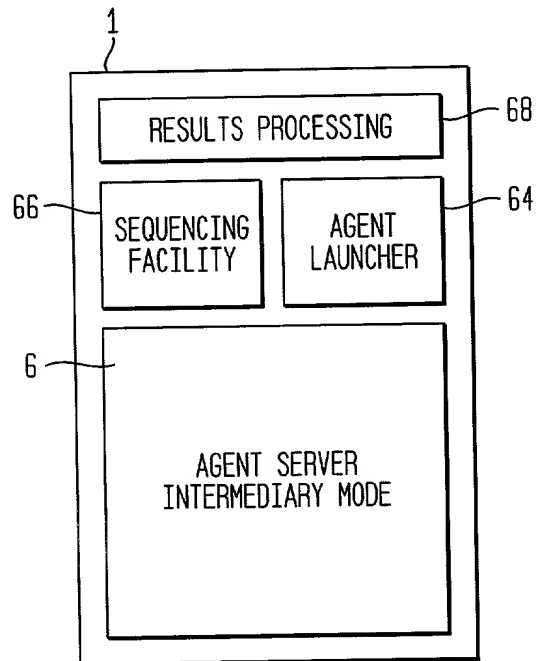


FIG. 3A

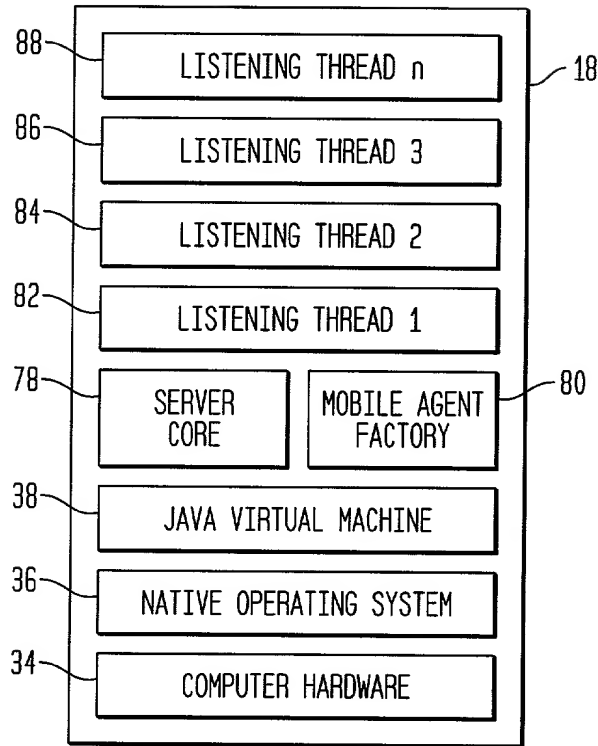
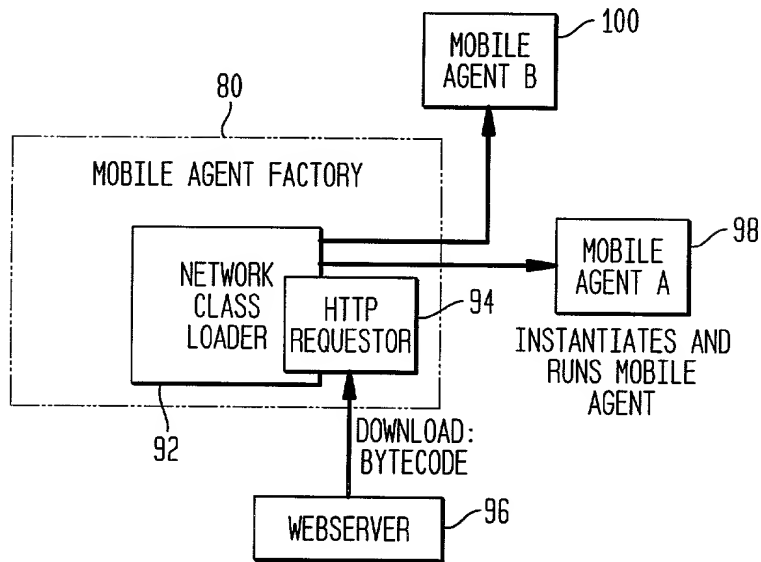


FIG. 3B



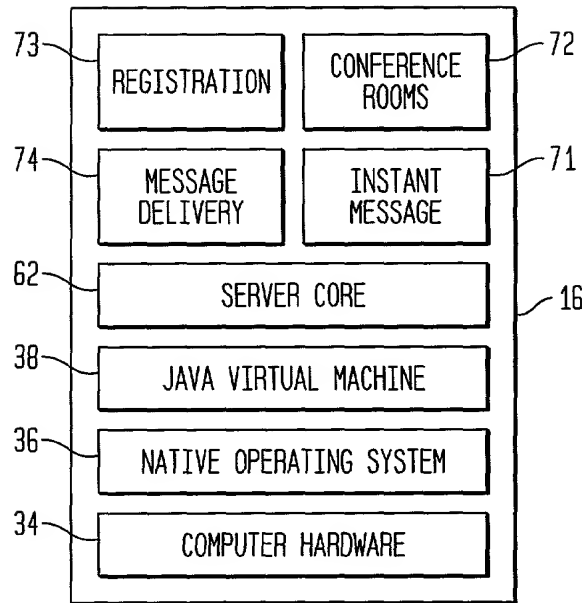
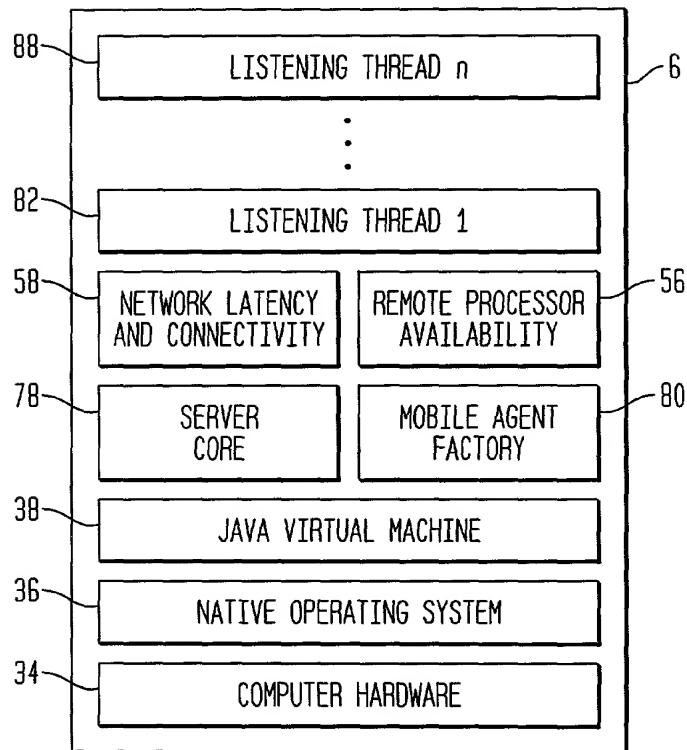
**FIG. 3C****FIG. 3D**

FIG. 3E

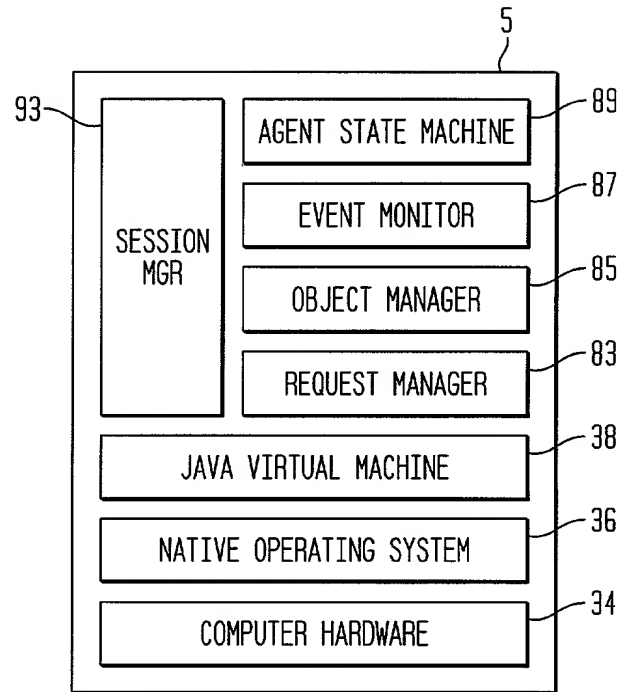


FIG. 4

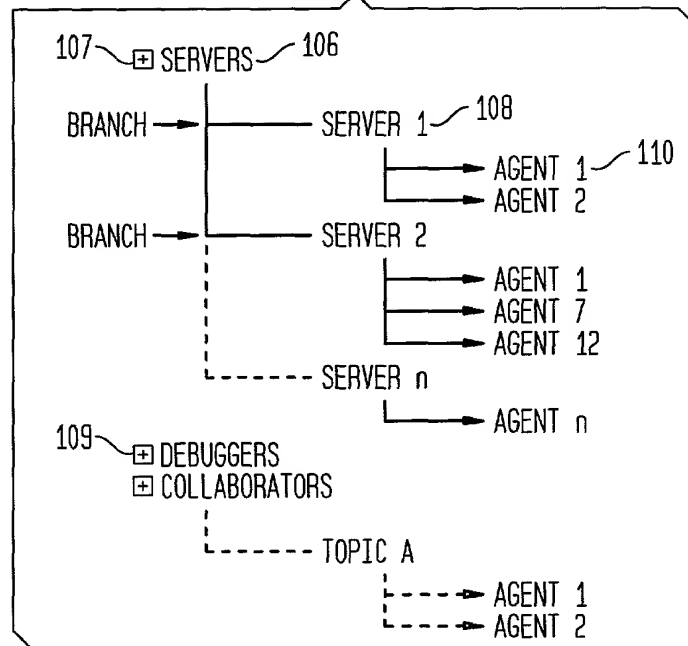


FIG. 4A

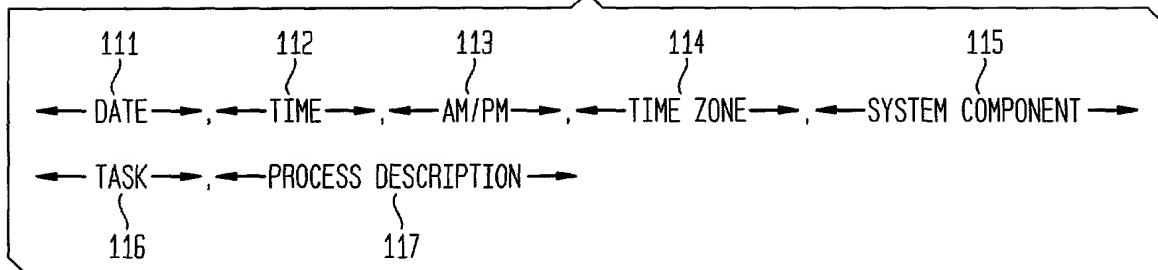


FIG. 5

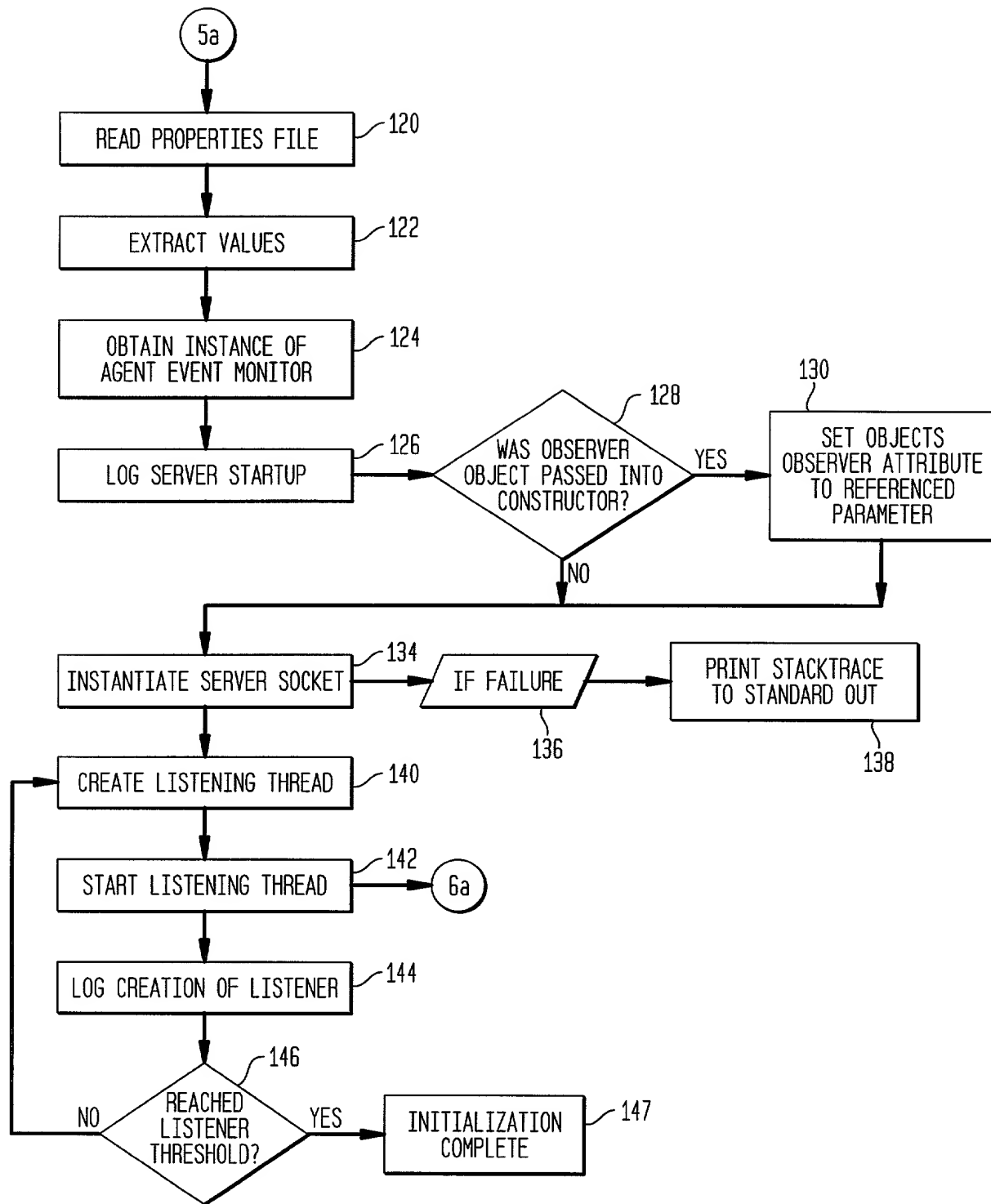


FIG. 6

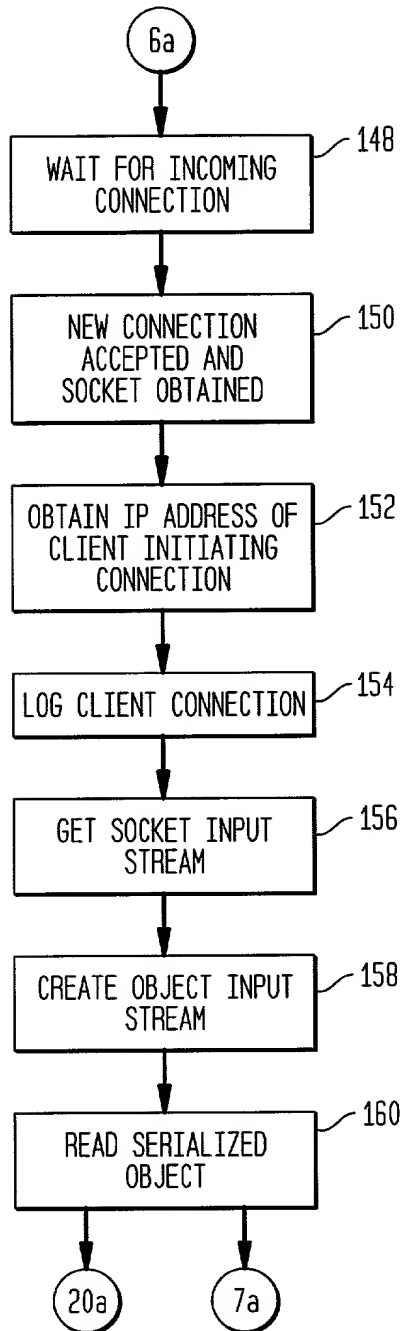




FIG. 7

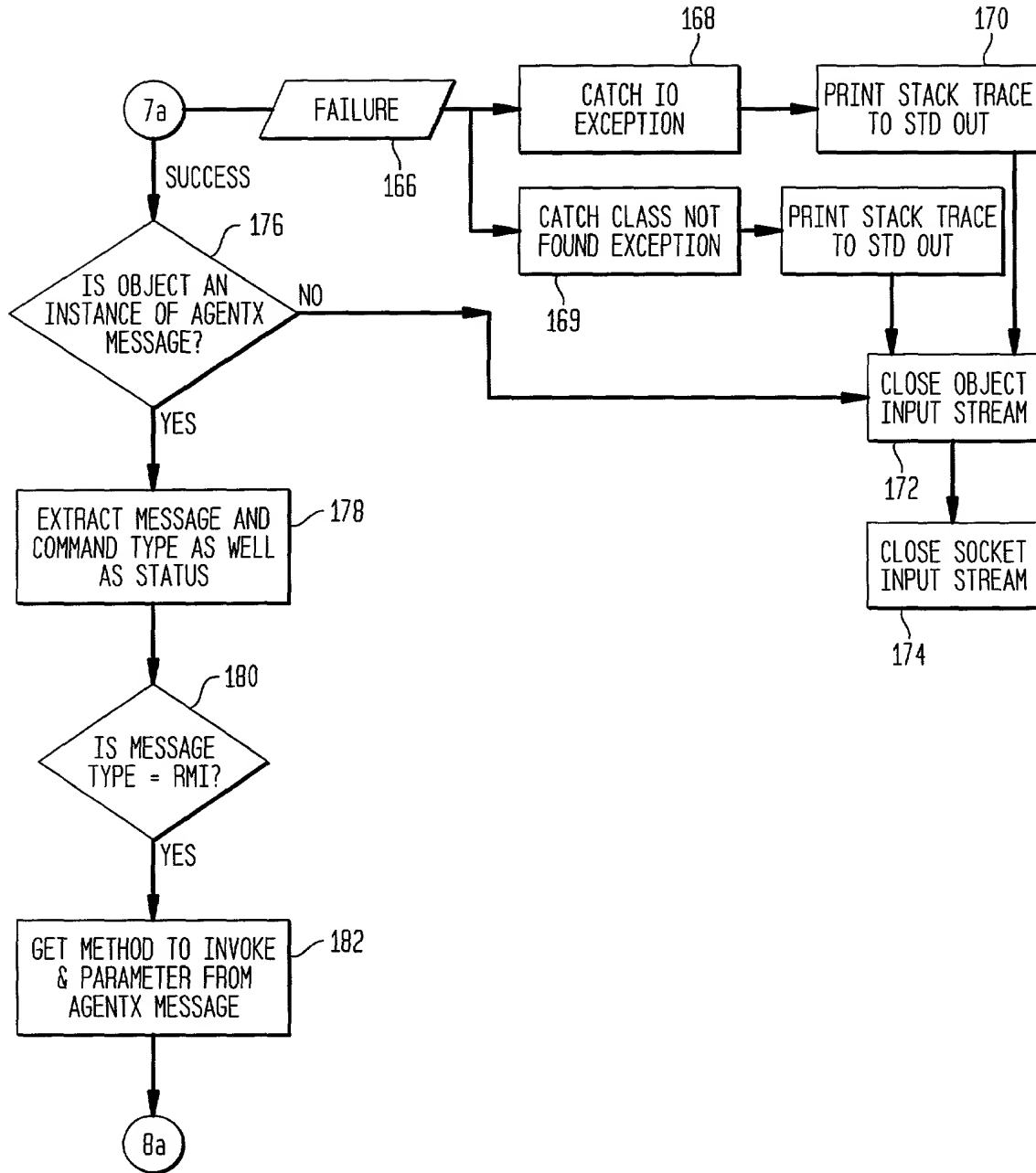


FIG. 8

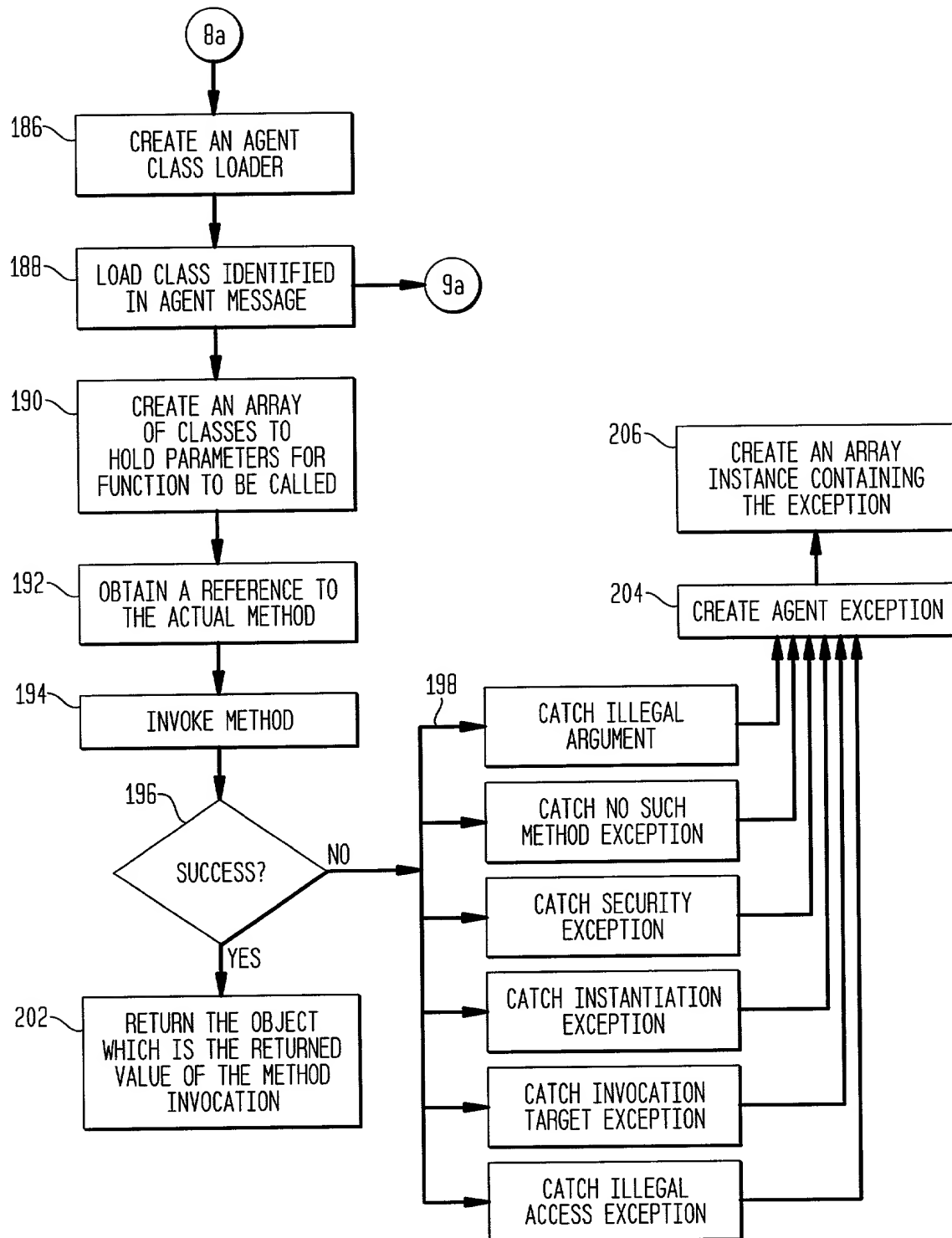


FIG. 9

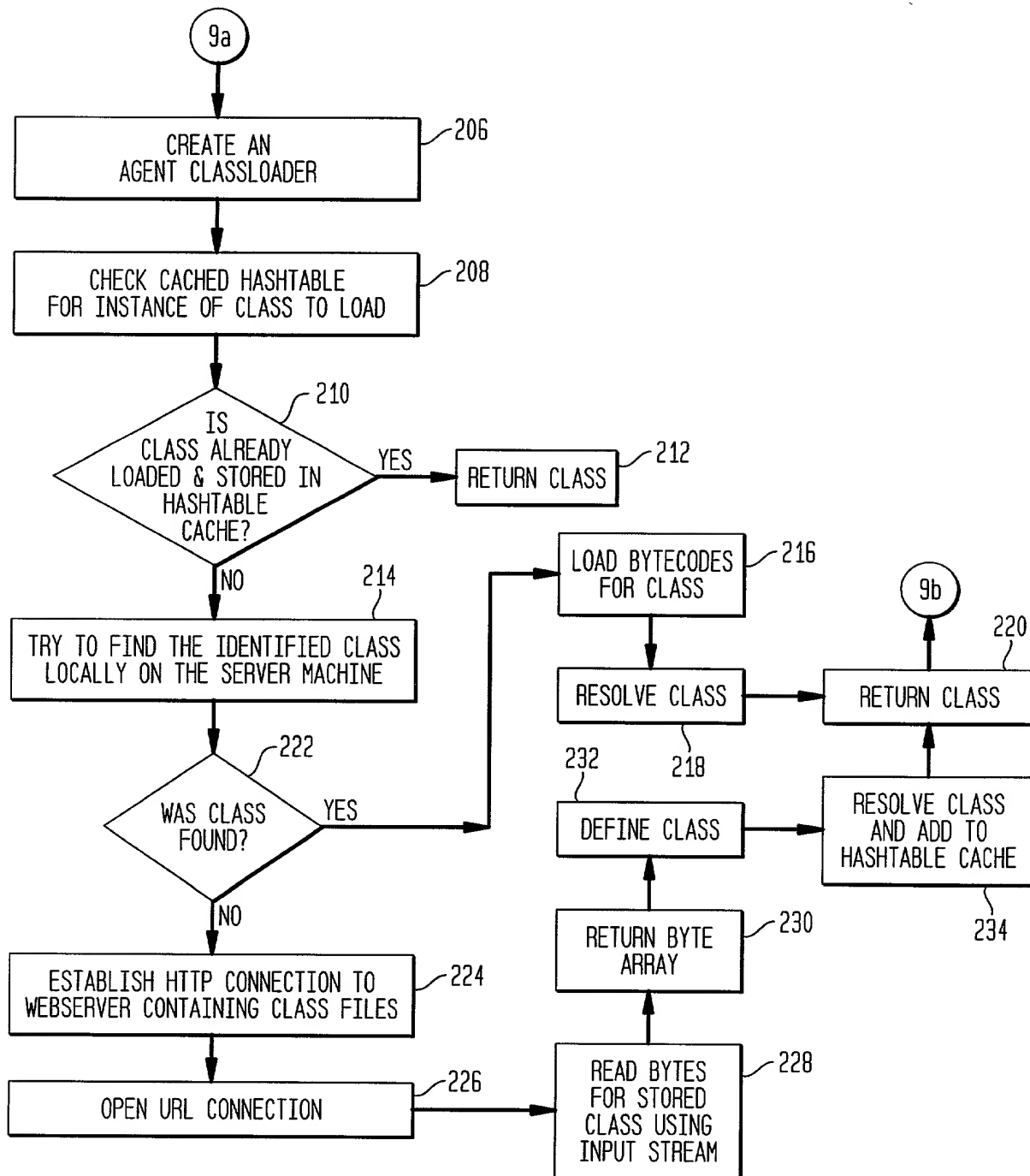


FIG. 10

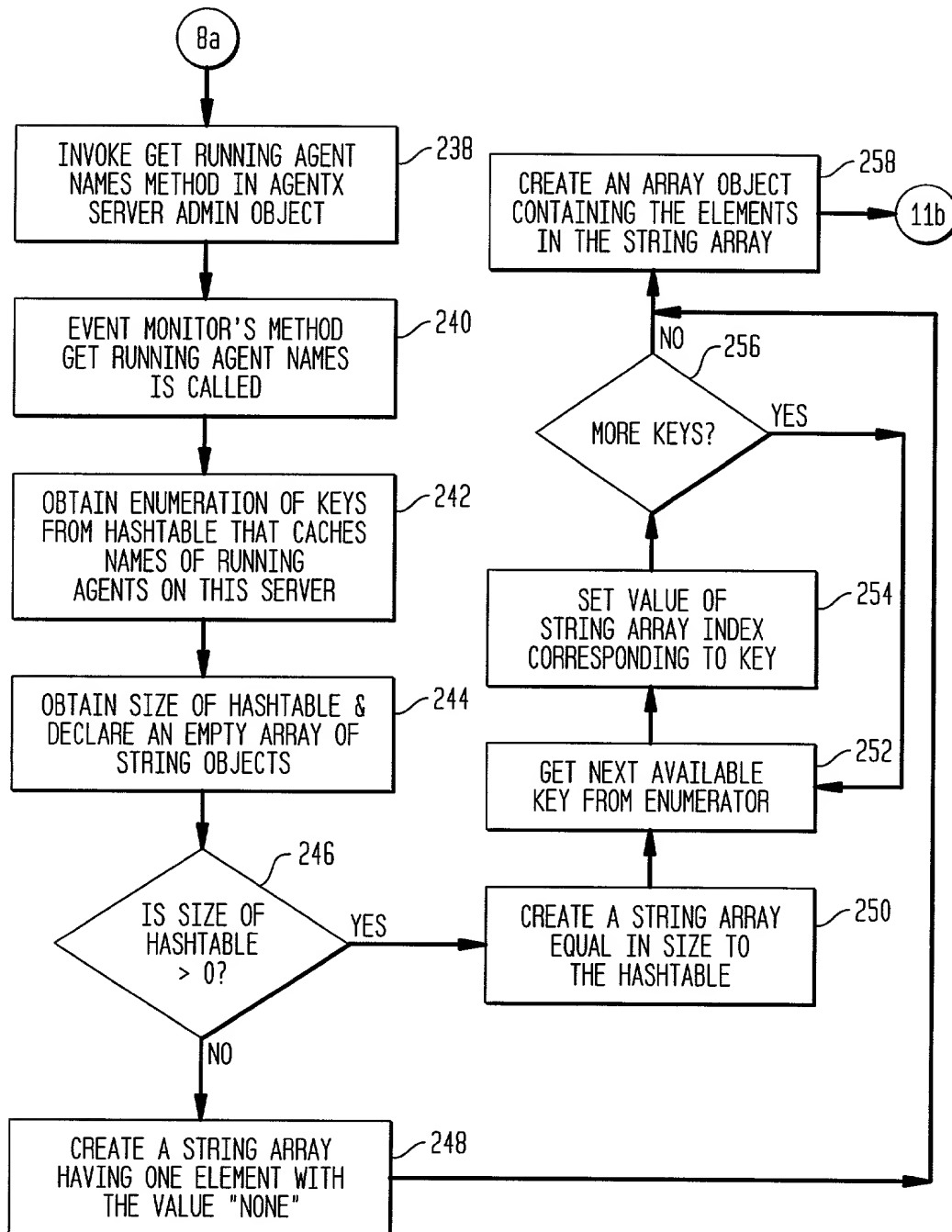


FIG. 11

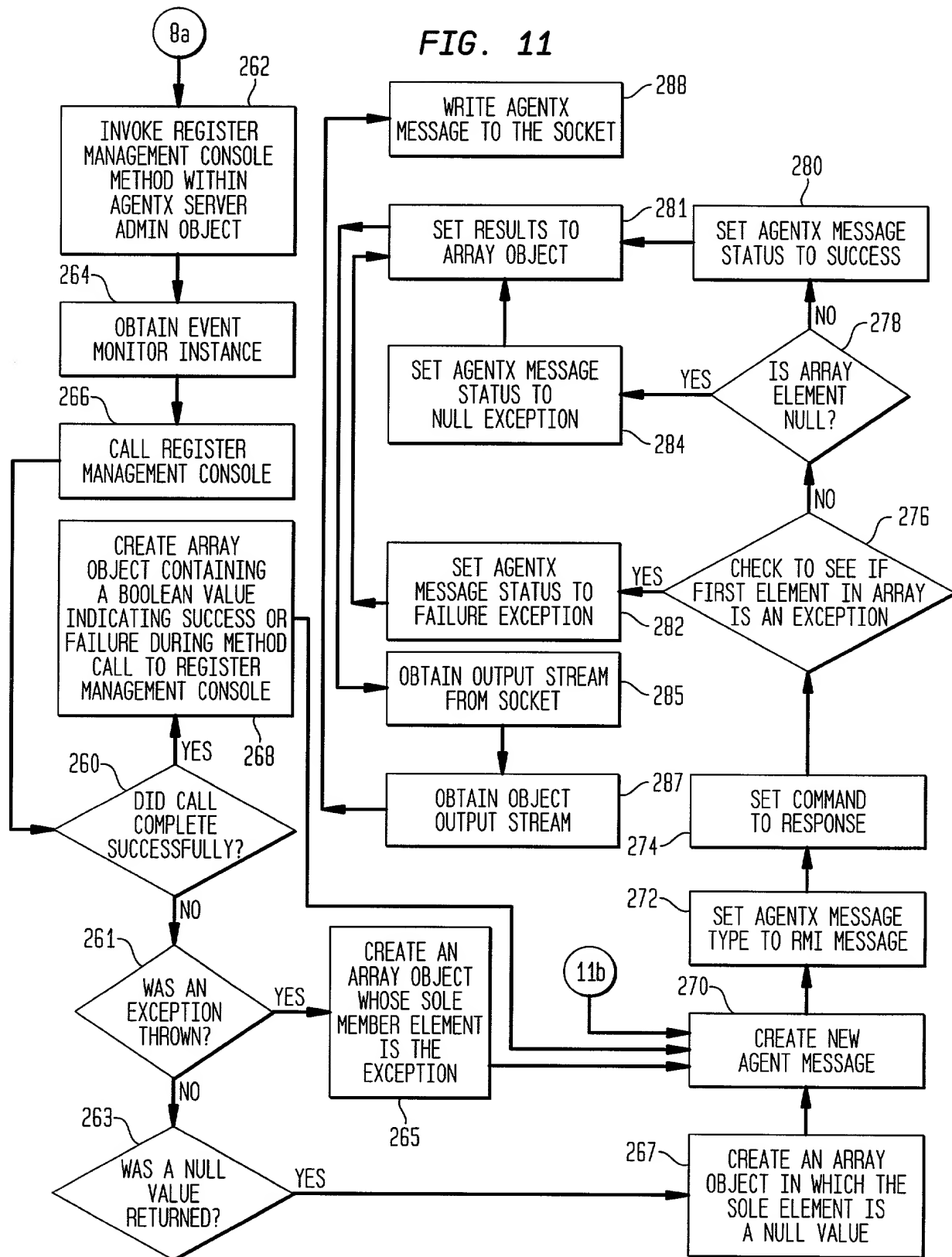


FIG. 12

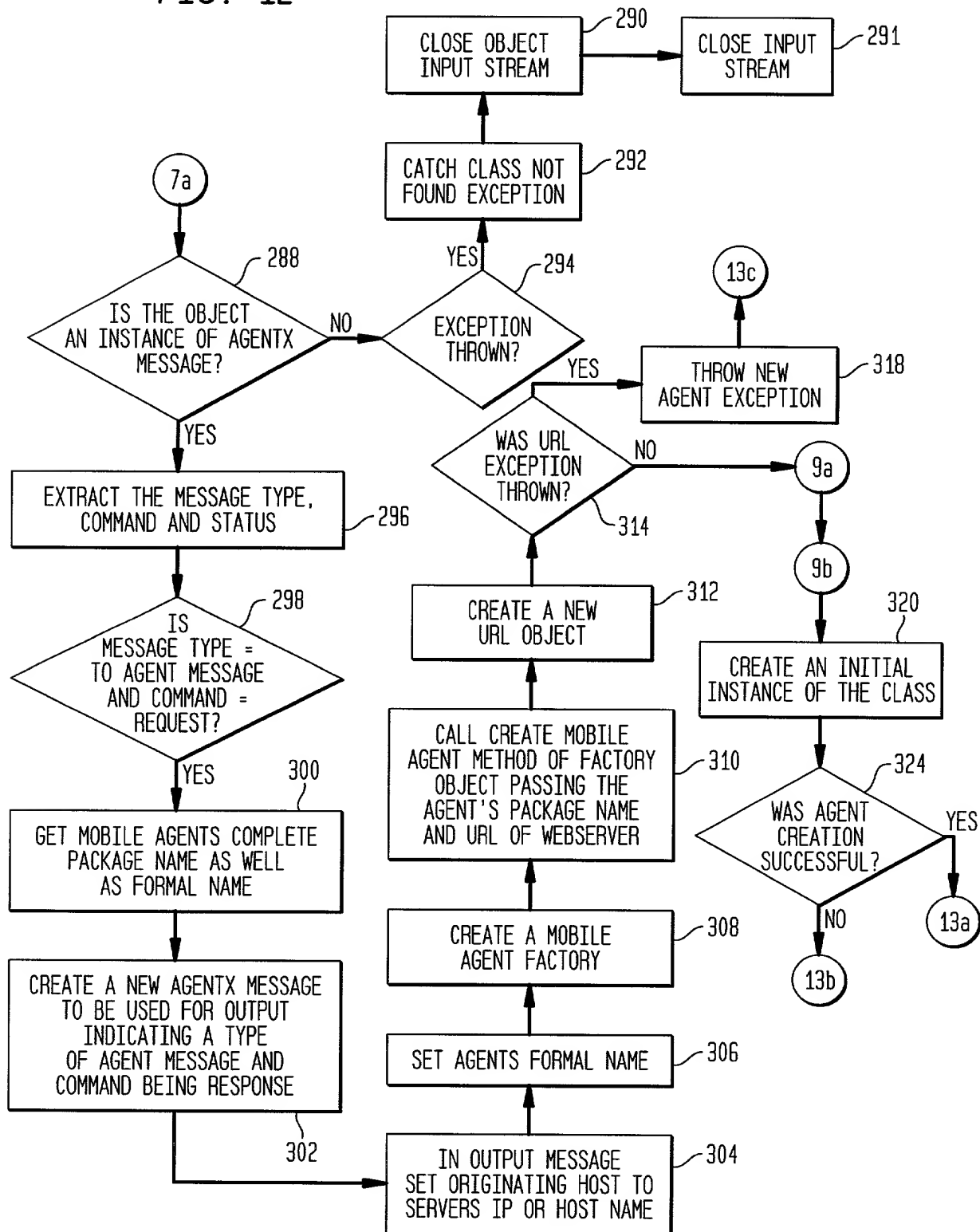


FIG. 13

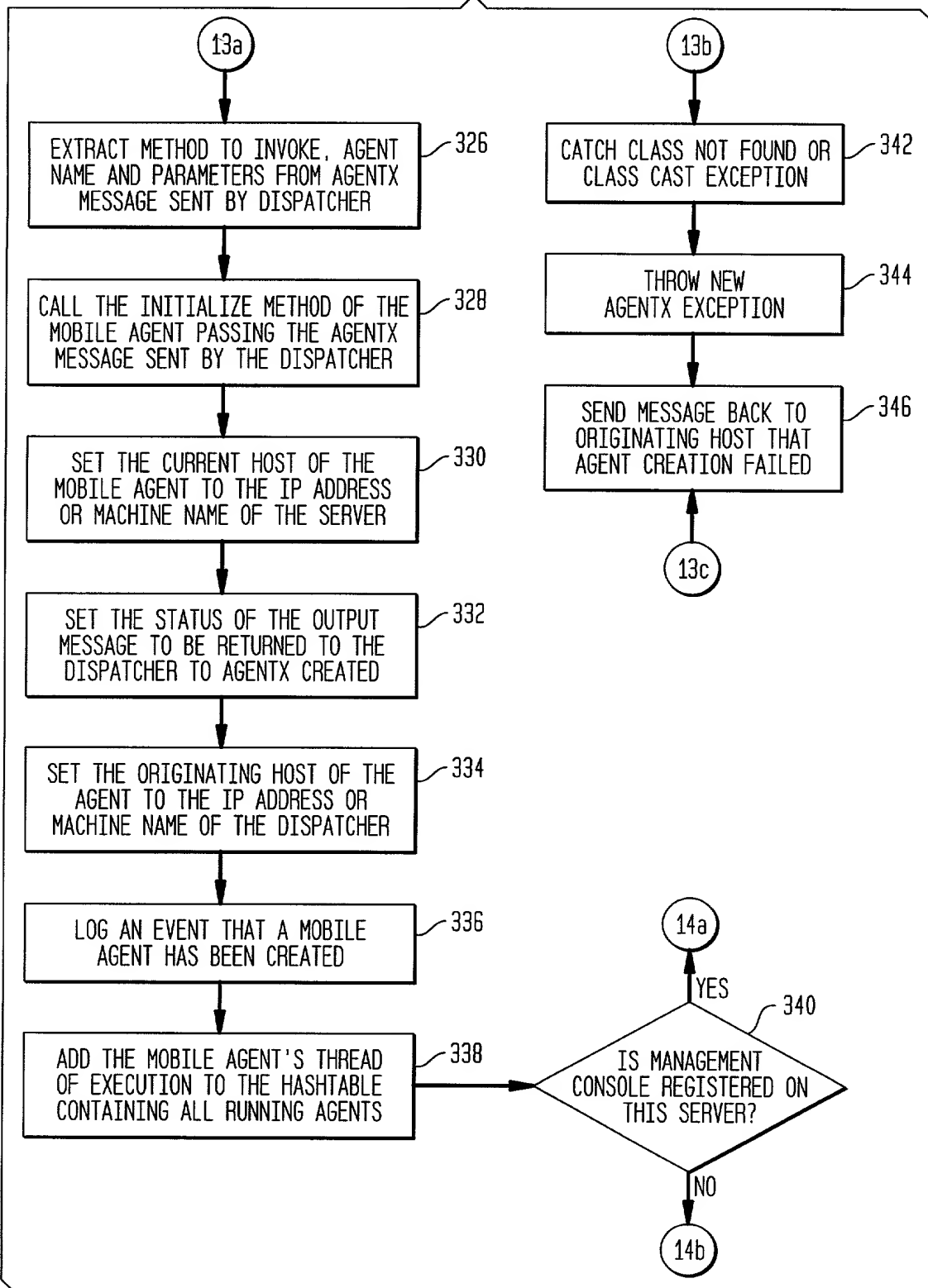


FIG. 14

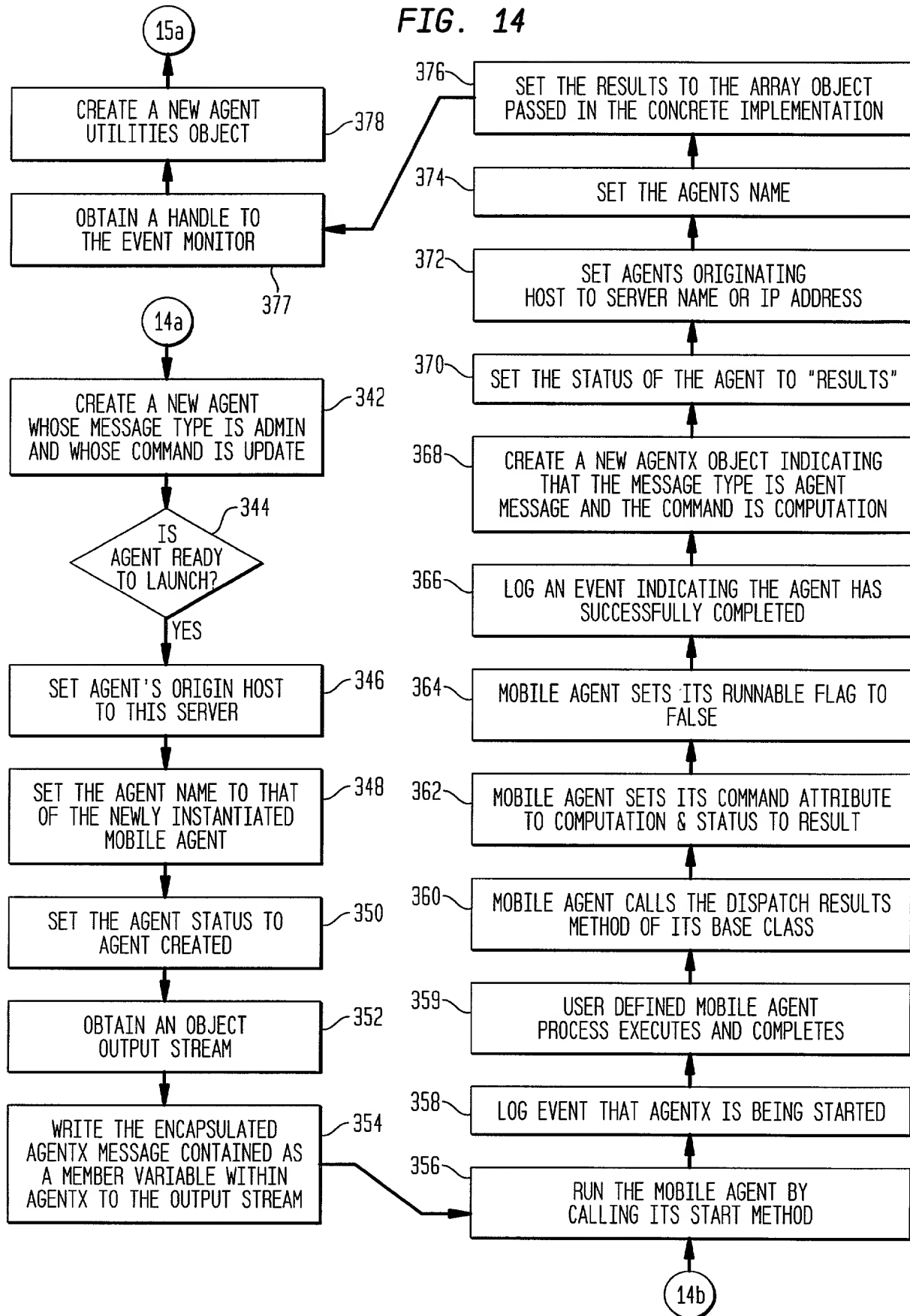




FIG. 15

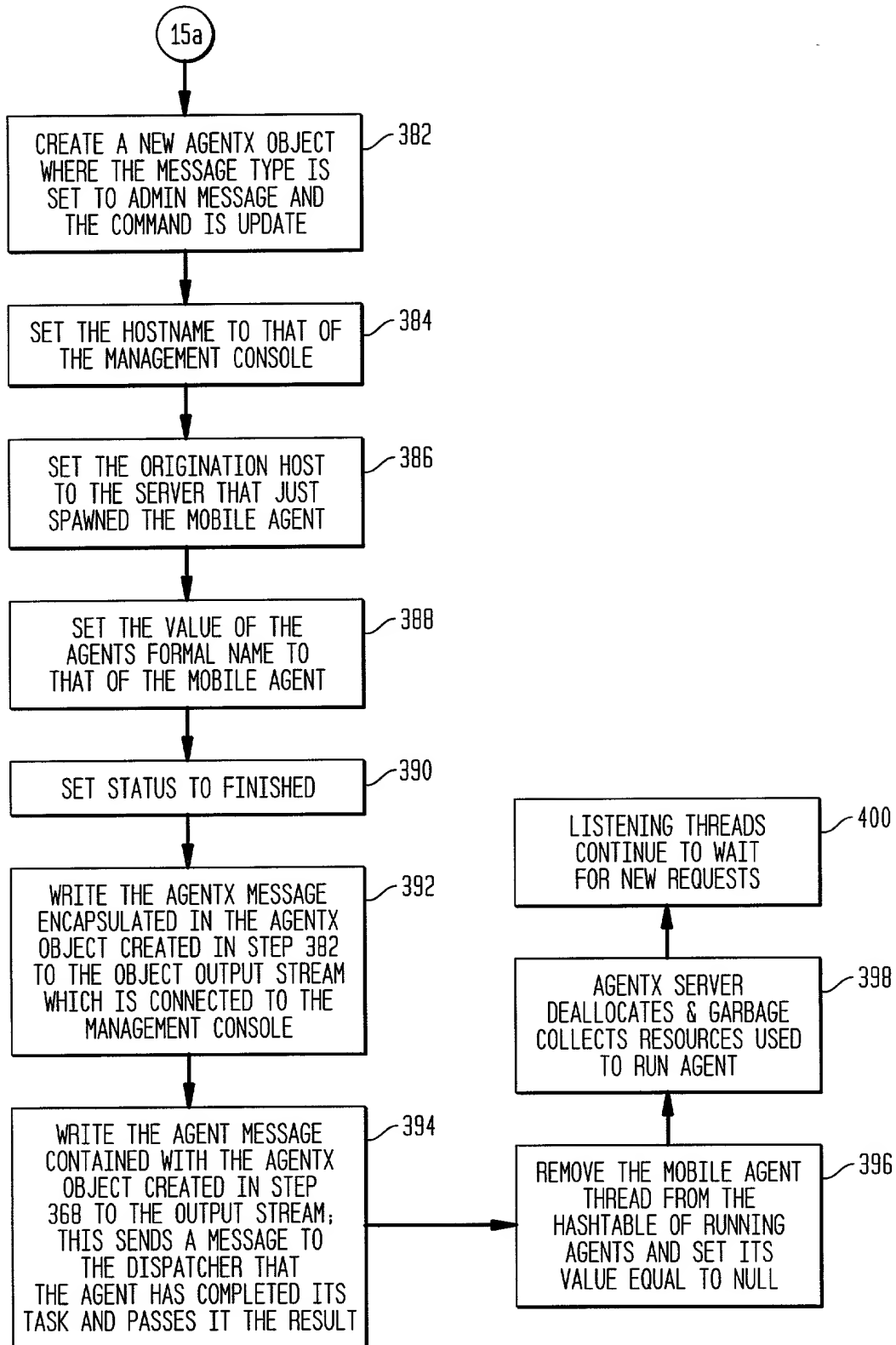


FIG. 16

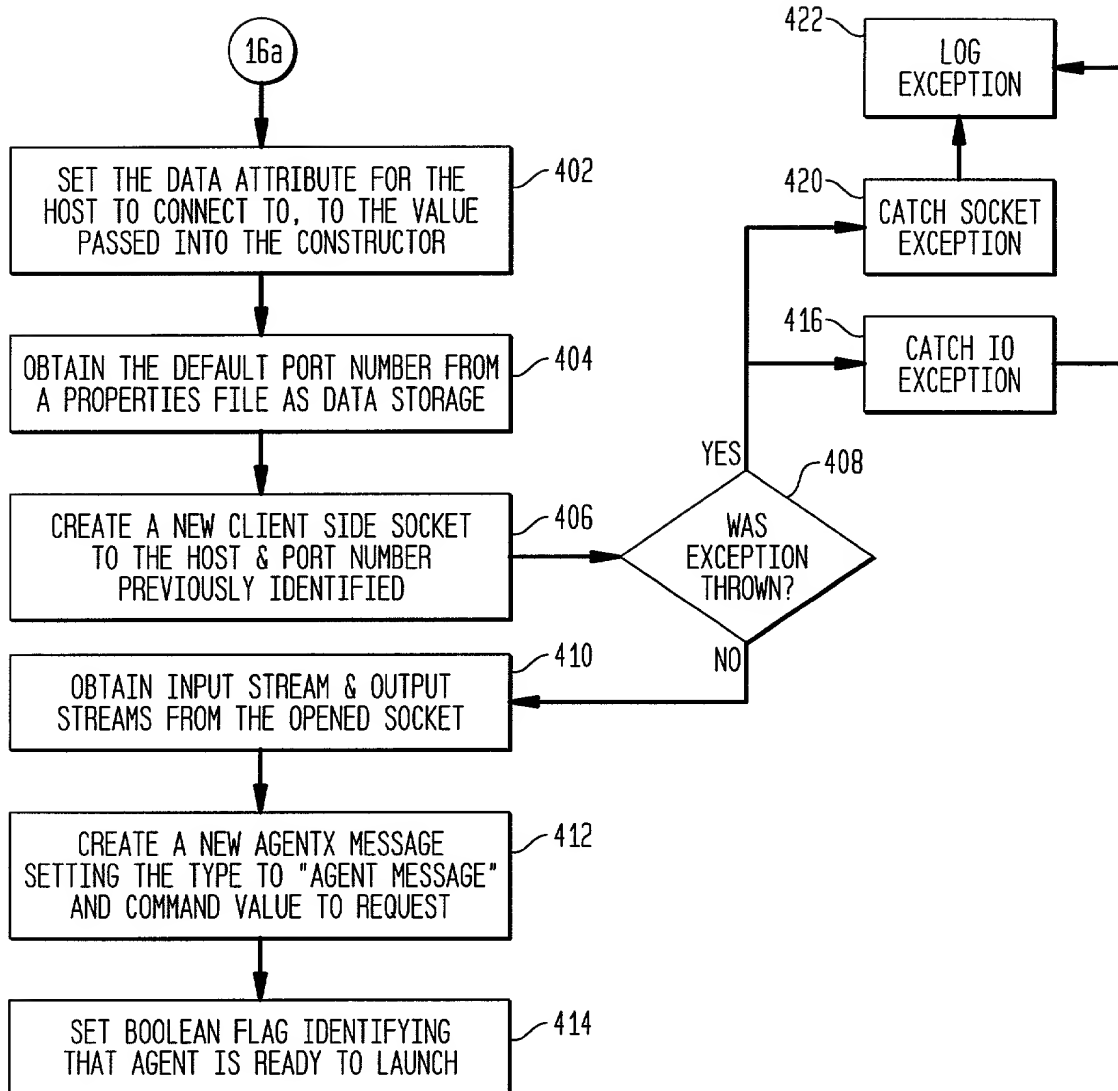


FIG. 17

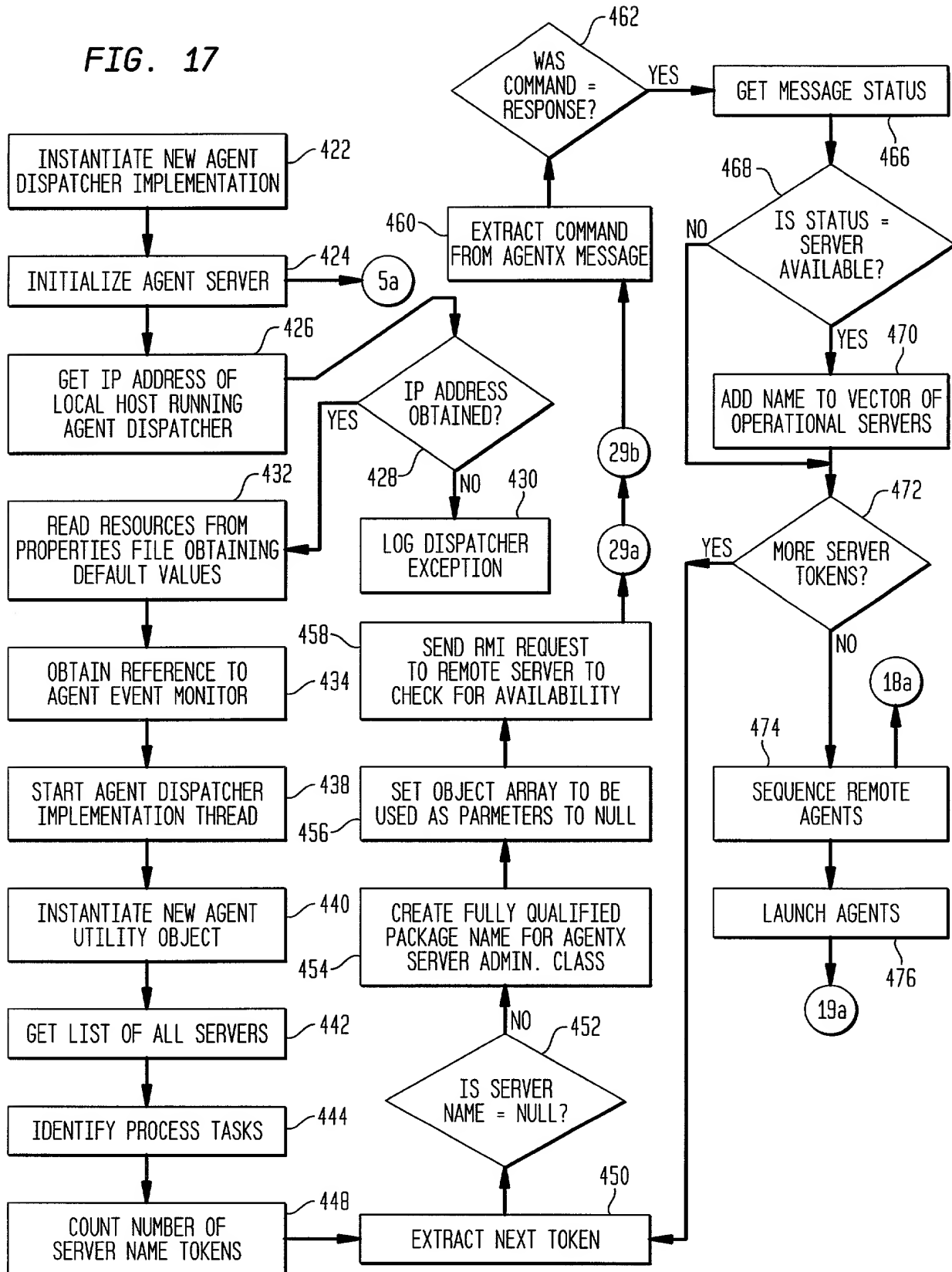


FIG. 18

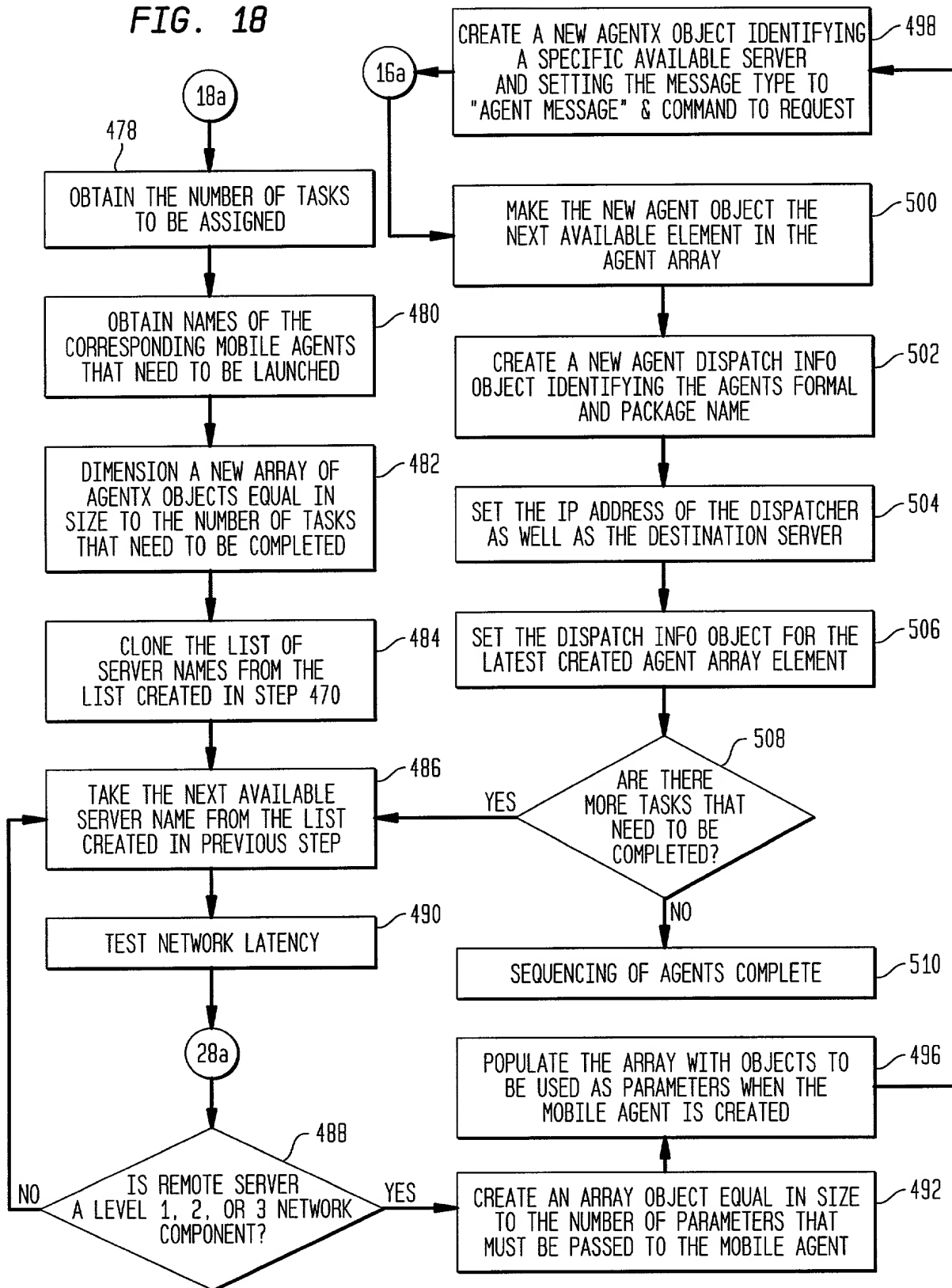


FIG. 19

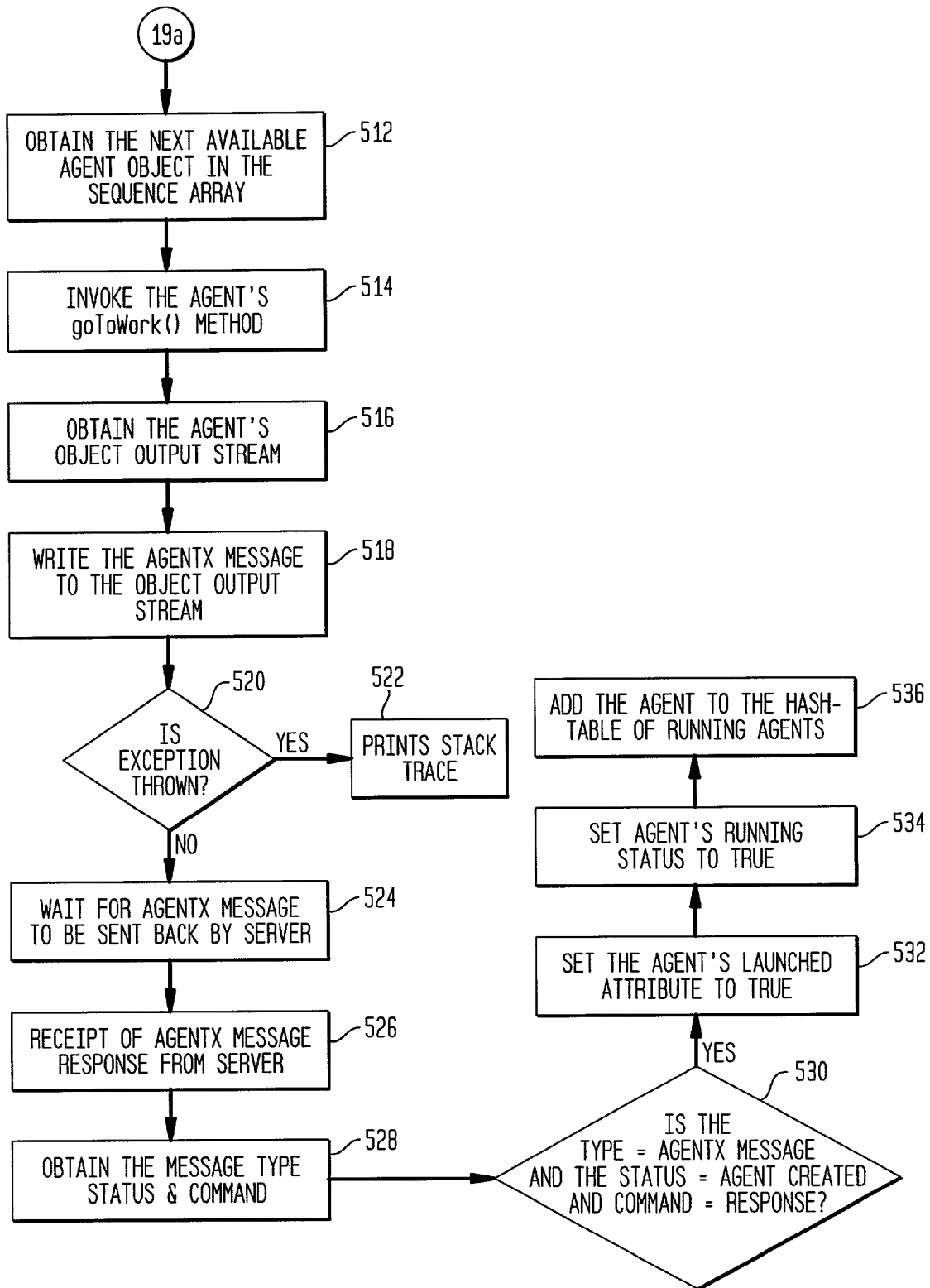


FIG. 20

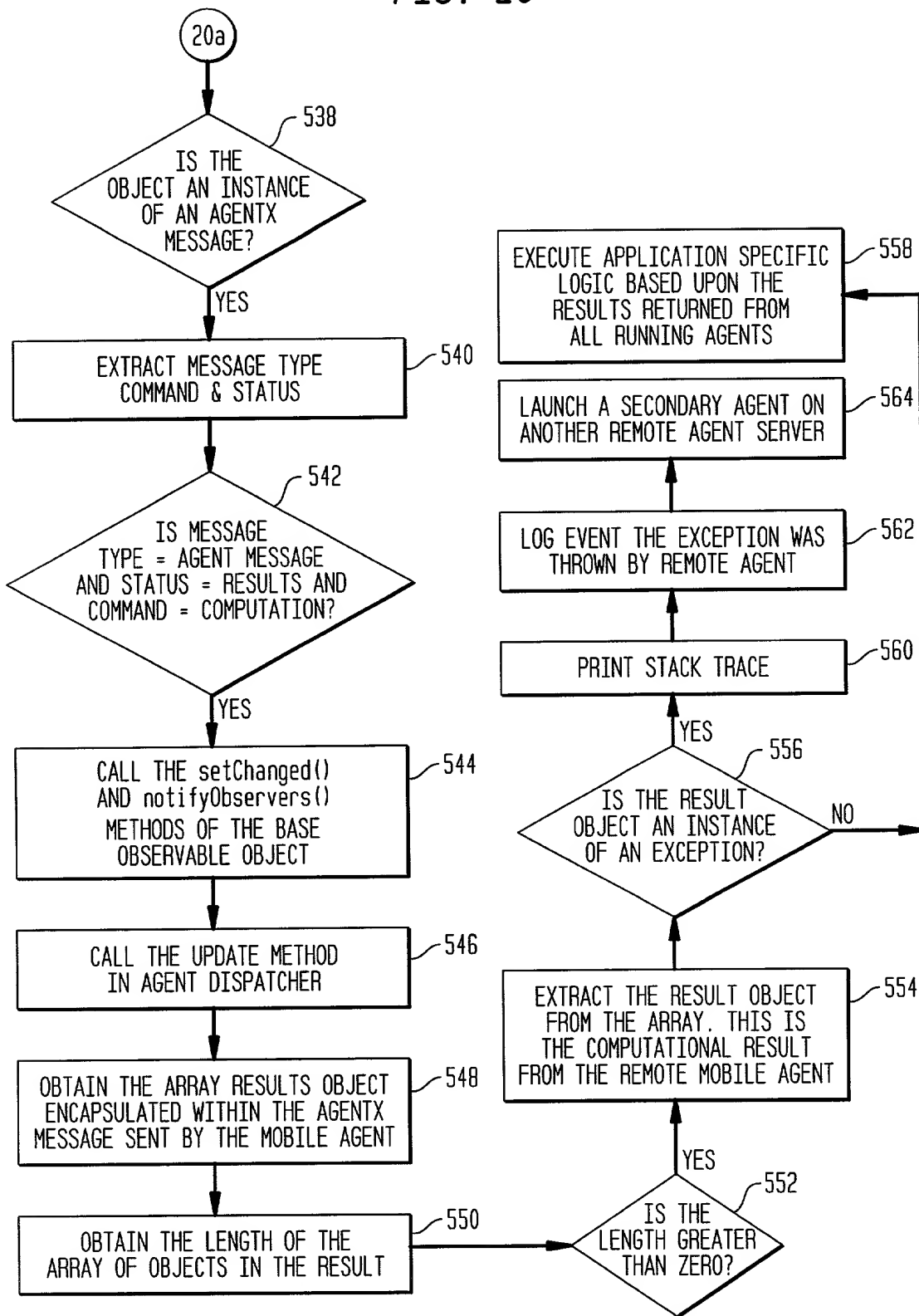


FIG. 21

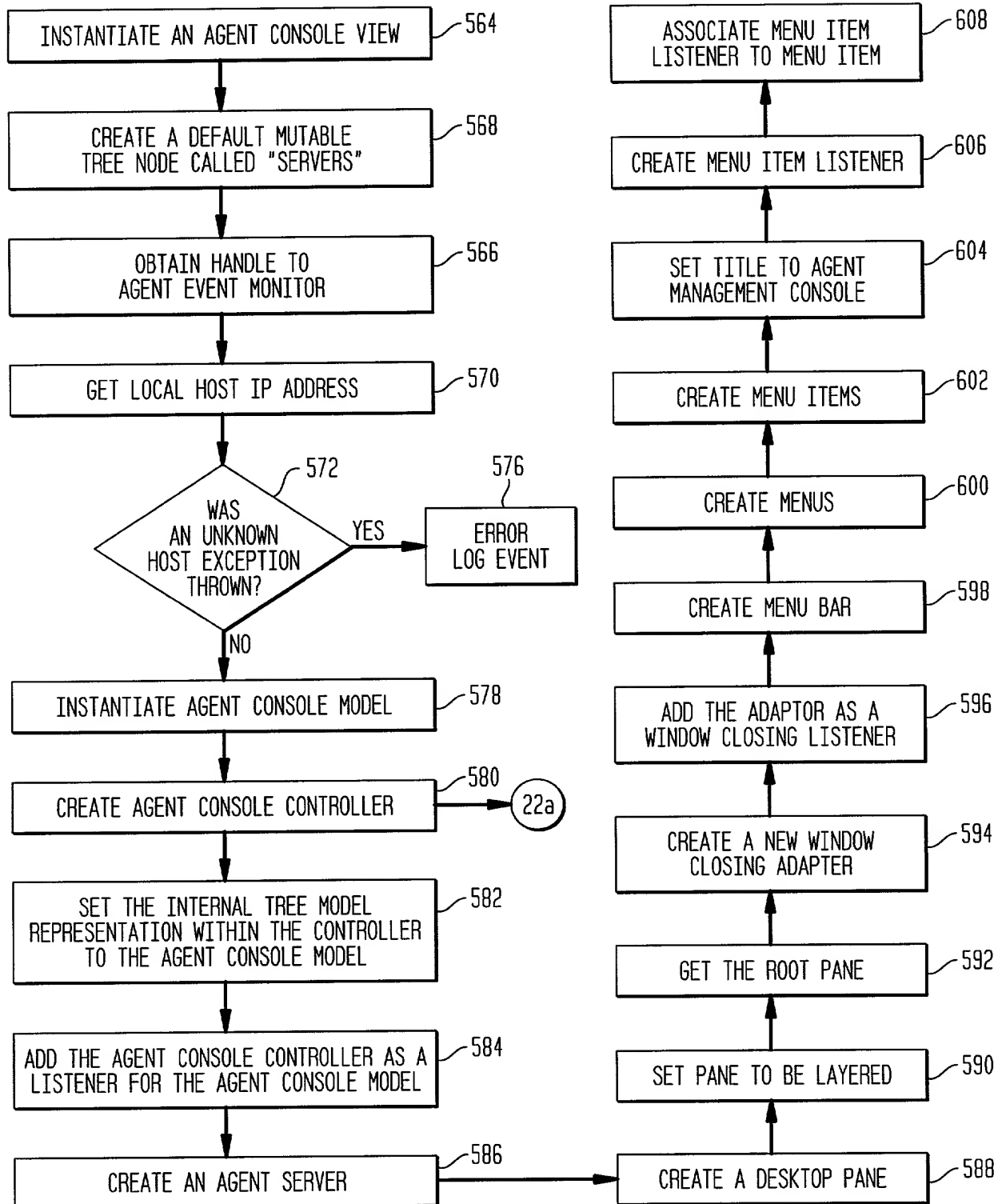


FIG. 22

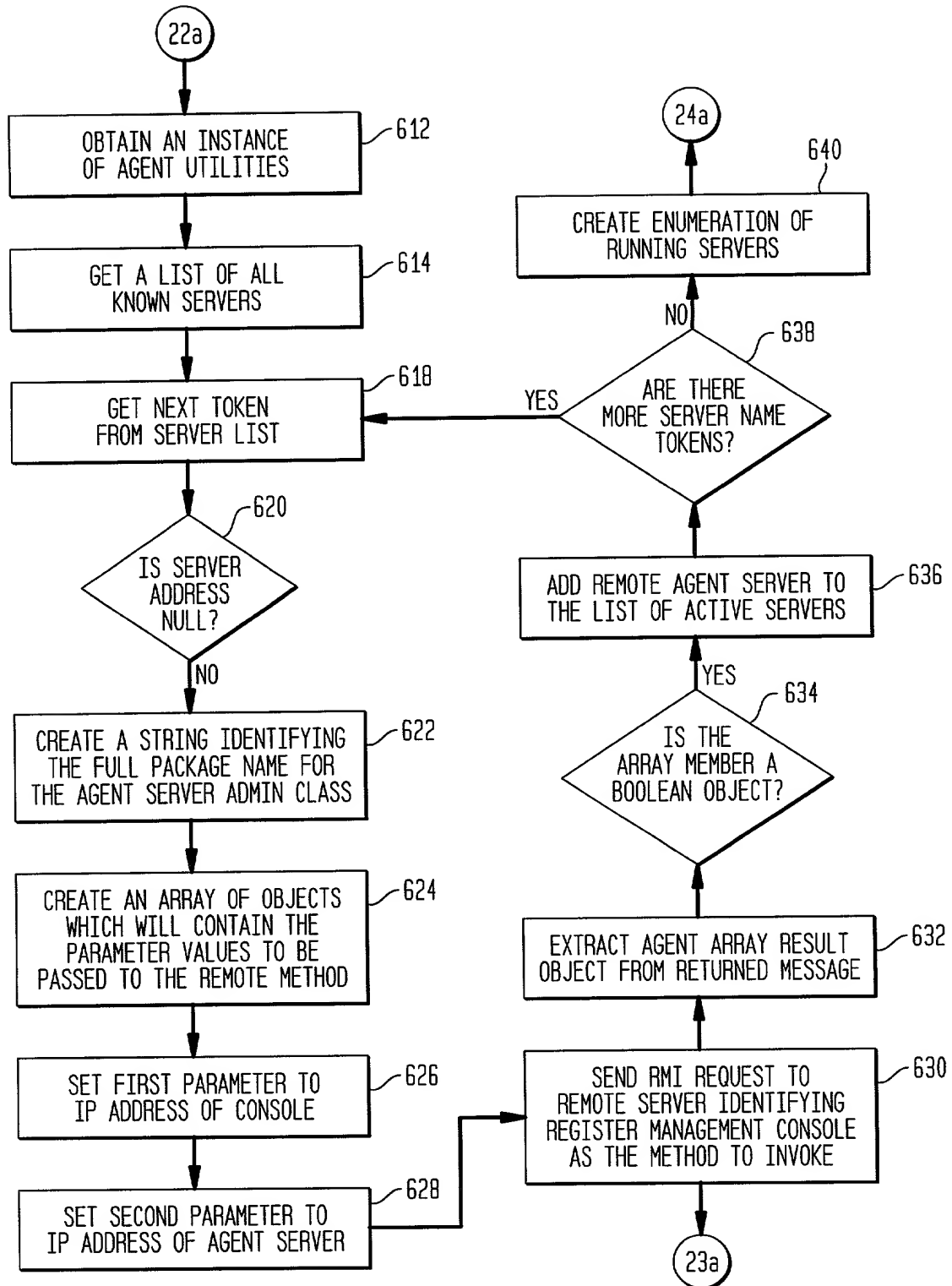




FIG. 23

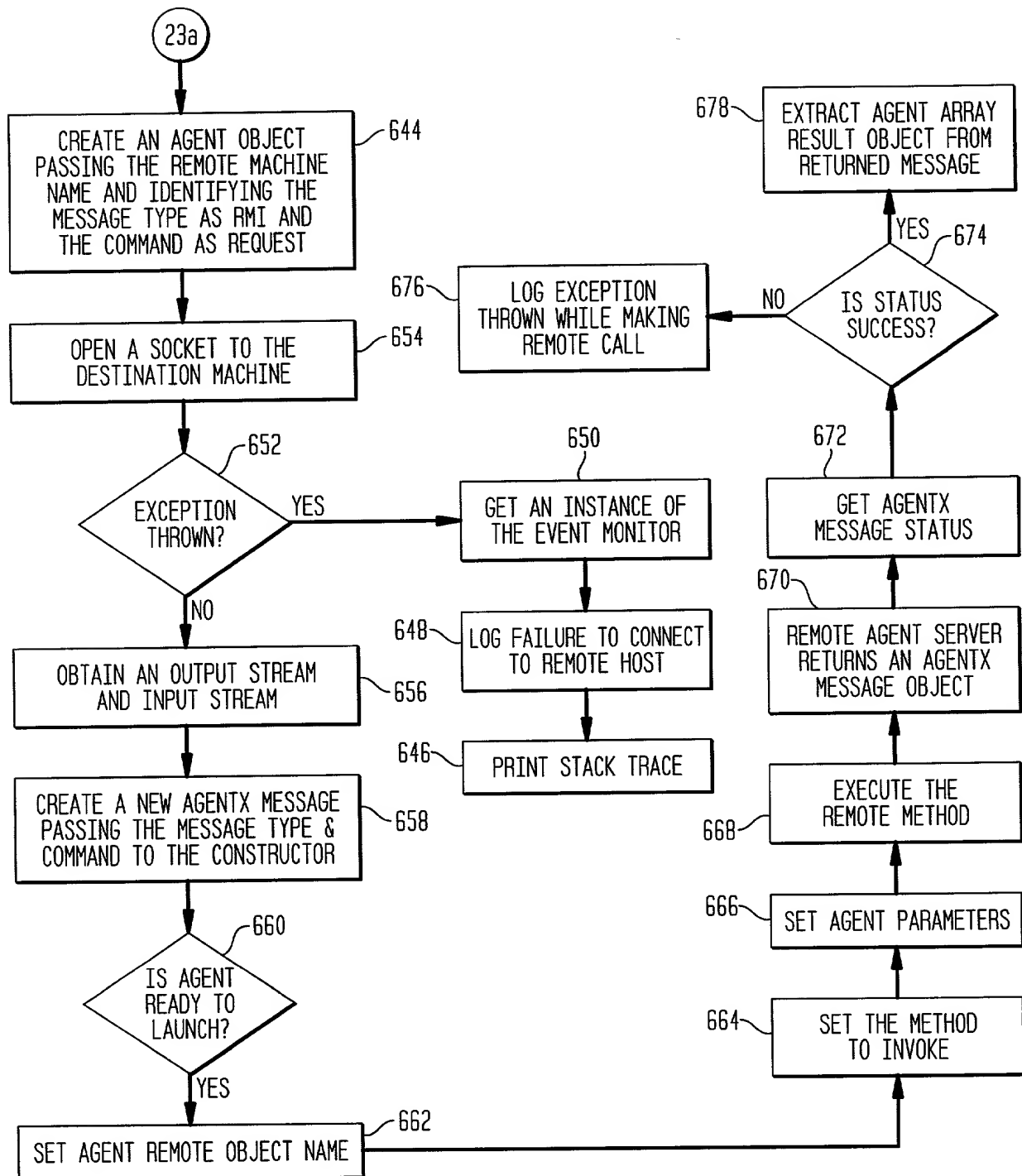


FIG. 24

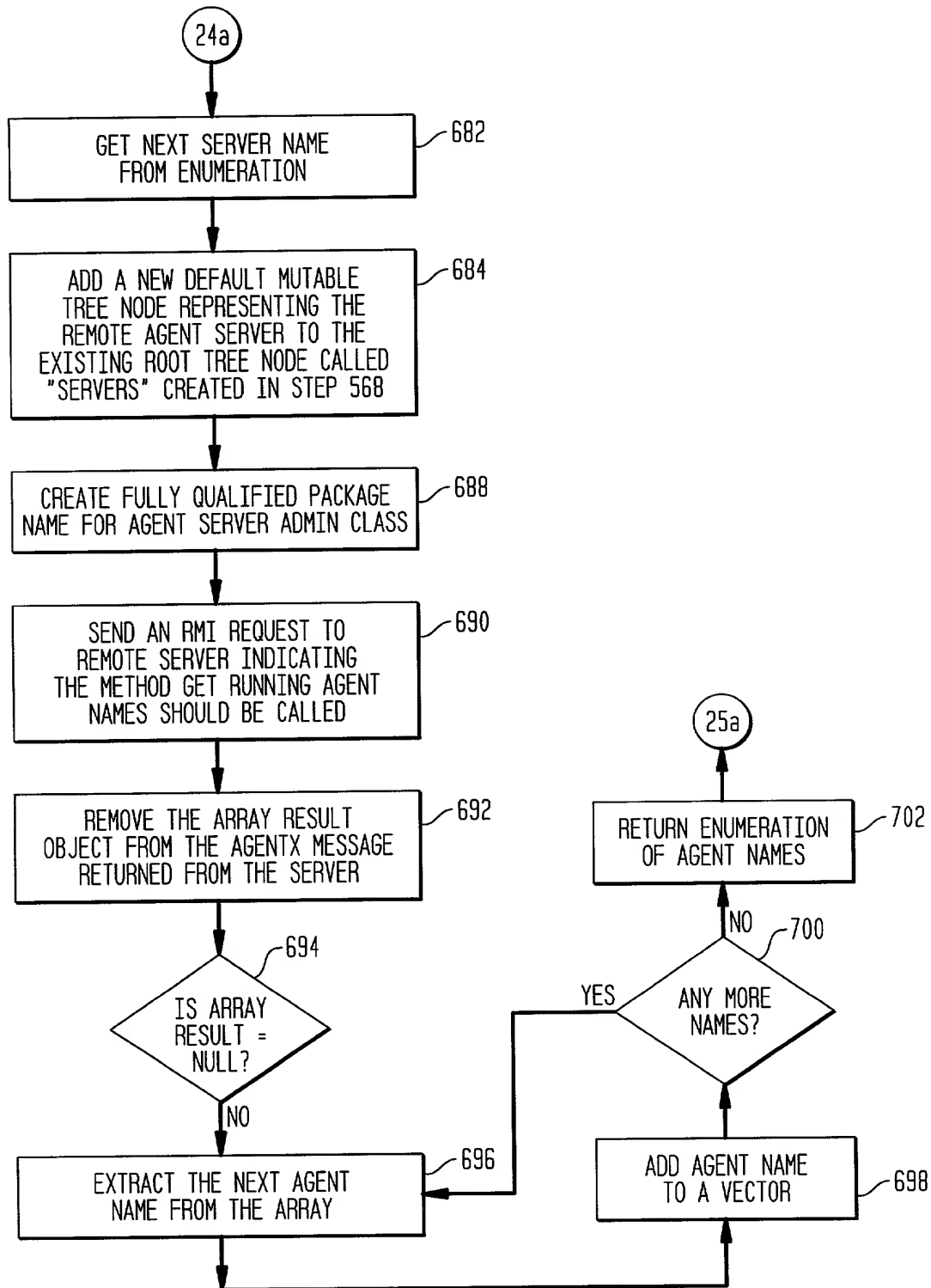


FIG. 25

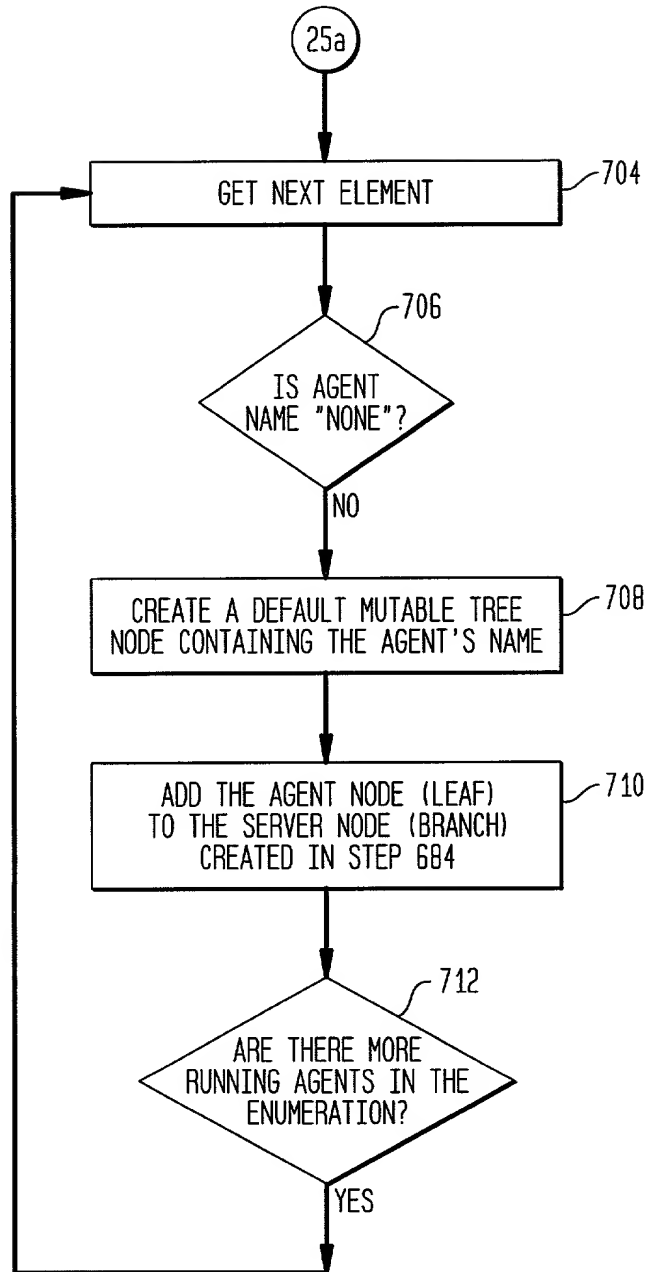
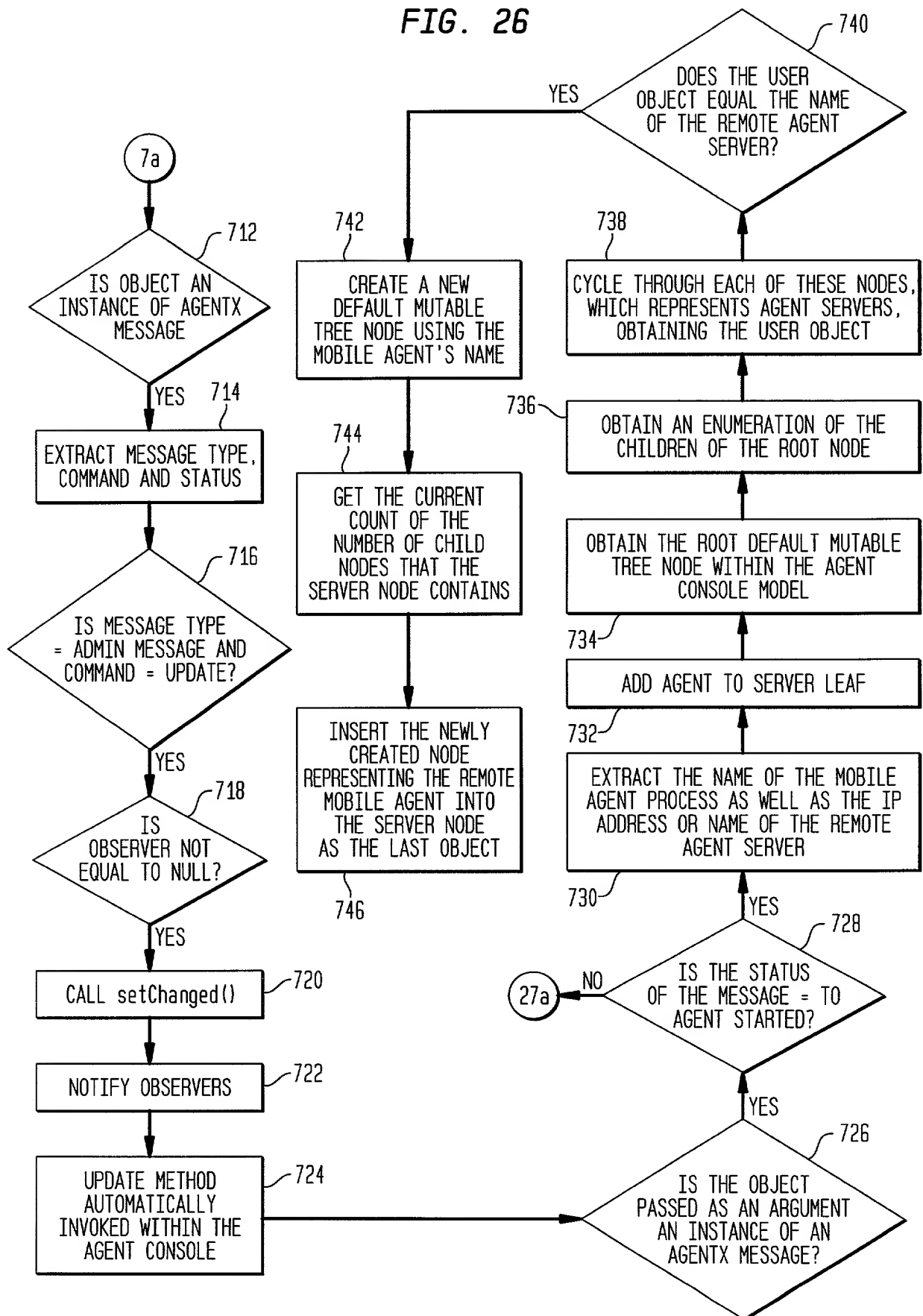
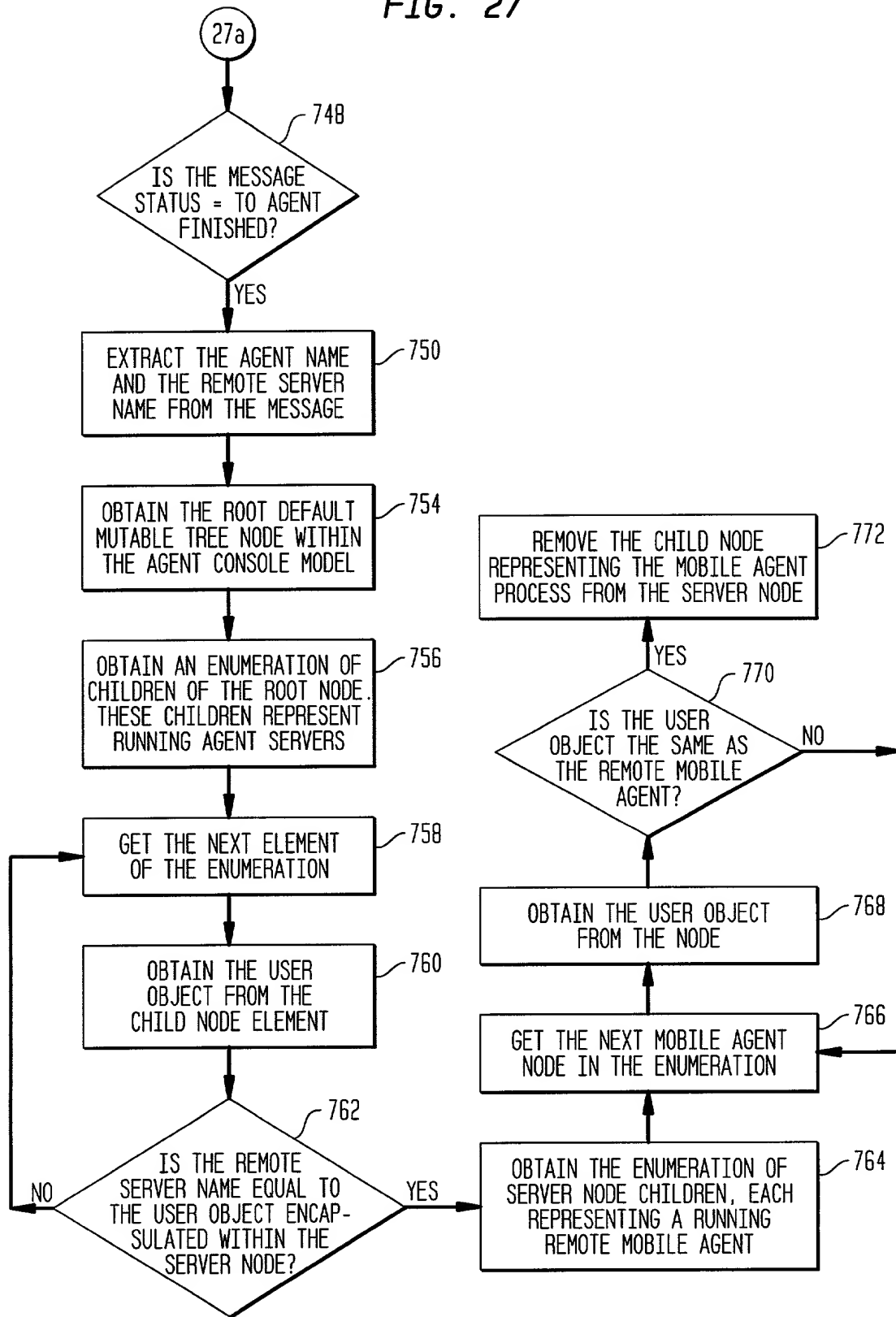


FIG. 26



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FIG. 27



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graph TD
    28a((28a)) --> 800[PING SECONDARY AGENT SERVER]
    800 --> 804[WAIT FOR DATA PACKETS TO BE RETURNED OR TIMEOUT TO OCCUR]
    804 --> 816{WERE ALL OF THE DATA PACKETS RECEIVED BACK BY THE ORIGINATING HOST?}
    816 -- YES --> 818{AVERAGE ELAPSED TIME < 10ms?}
    818 -- YES --> 808[RATE SERVER AS LEVEL 1 COMPONENT]
    818 -- NO --> 820{AVERAGE ELAPSED TIME < 100ms?}
    820 -- YES --> 810[RATE SERVER AS LEVEL 2 COMPONENT]
    820 -- NO --> 822{AVERAGE ELAPSED TIME = < 1000ms?}
    822 -- YES --> 812[RATE SERVER AS LEVEL 3 COMPONENT]
    822 -- NO --> 832{WAS THIS THIRD OCCURRENCE OF LATENT RESPONSE?}
    832 -- YES --> 828[REMOVE SERVER FROM ACTIVE LIST]
    832 -- NO --> 814[RATE AS LEVEL 4 COMPONENT]
    808 --> 806{PERIODIC MONITOR?}
    810 --> 806
    812 --> 806
    814 --> 806
    828 --> 806
    806 -- YES --> 802[SLEEP FOR USER DEFINED INTERVAL]
    806 -- NO --> 800
  
```

FIG. 29

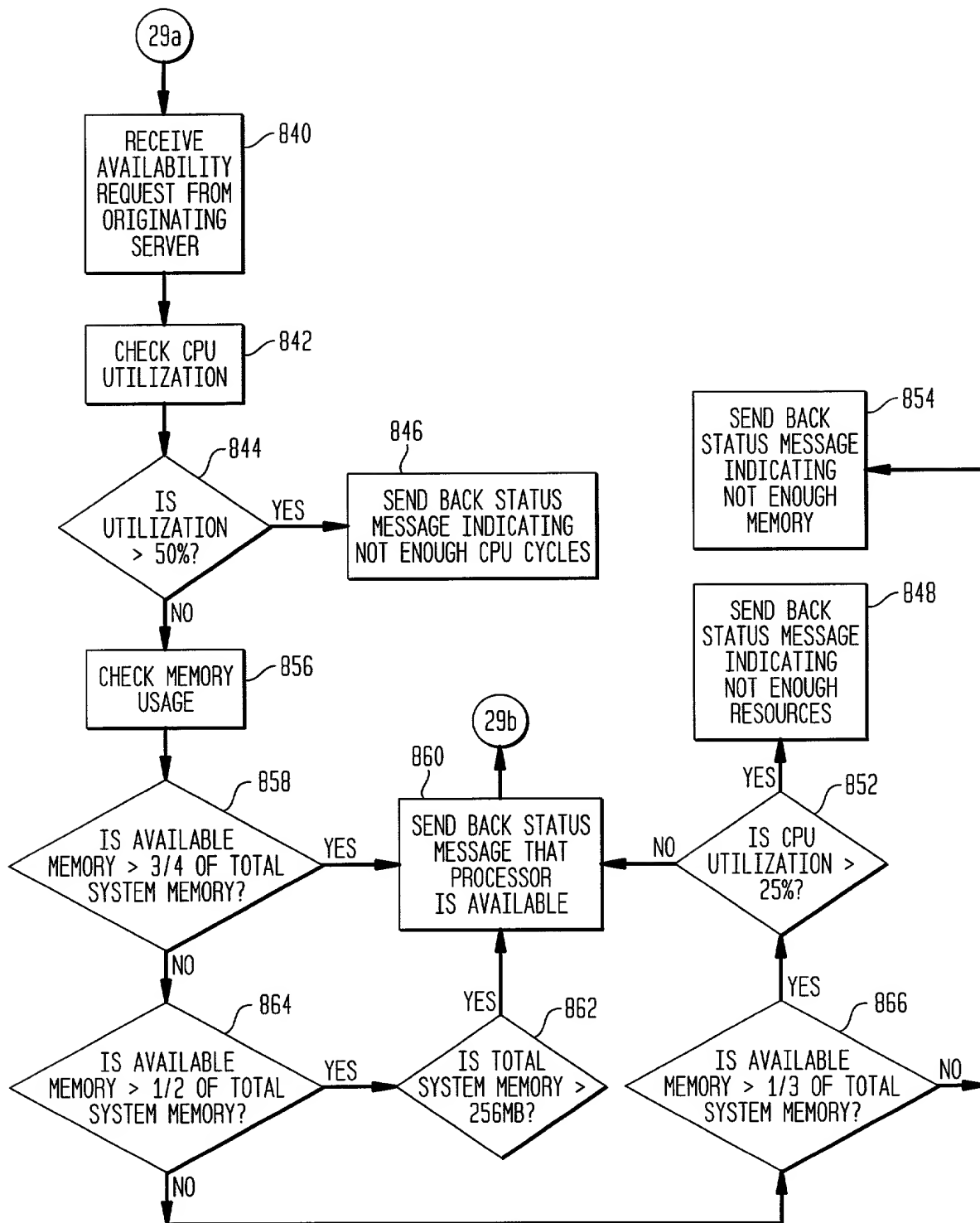


FIG. 30

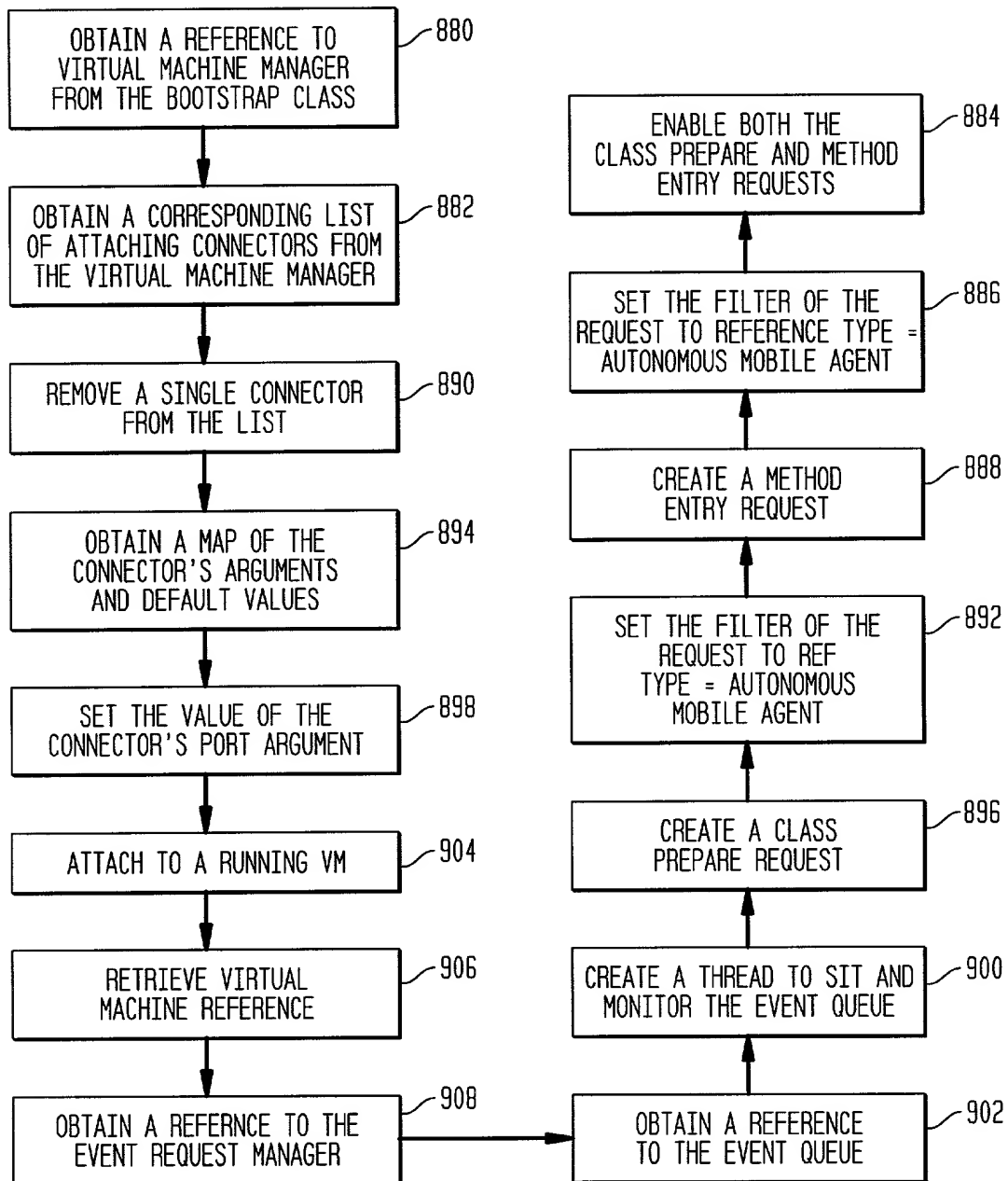




FIG. 31

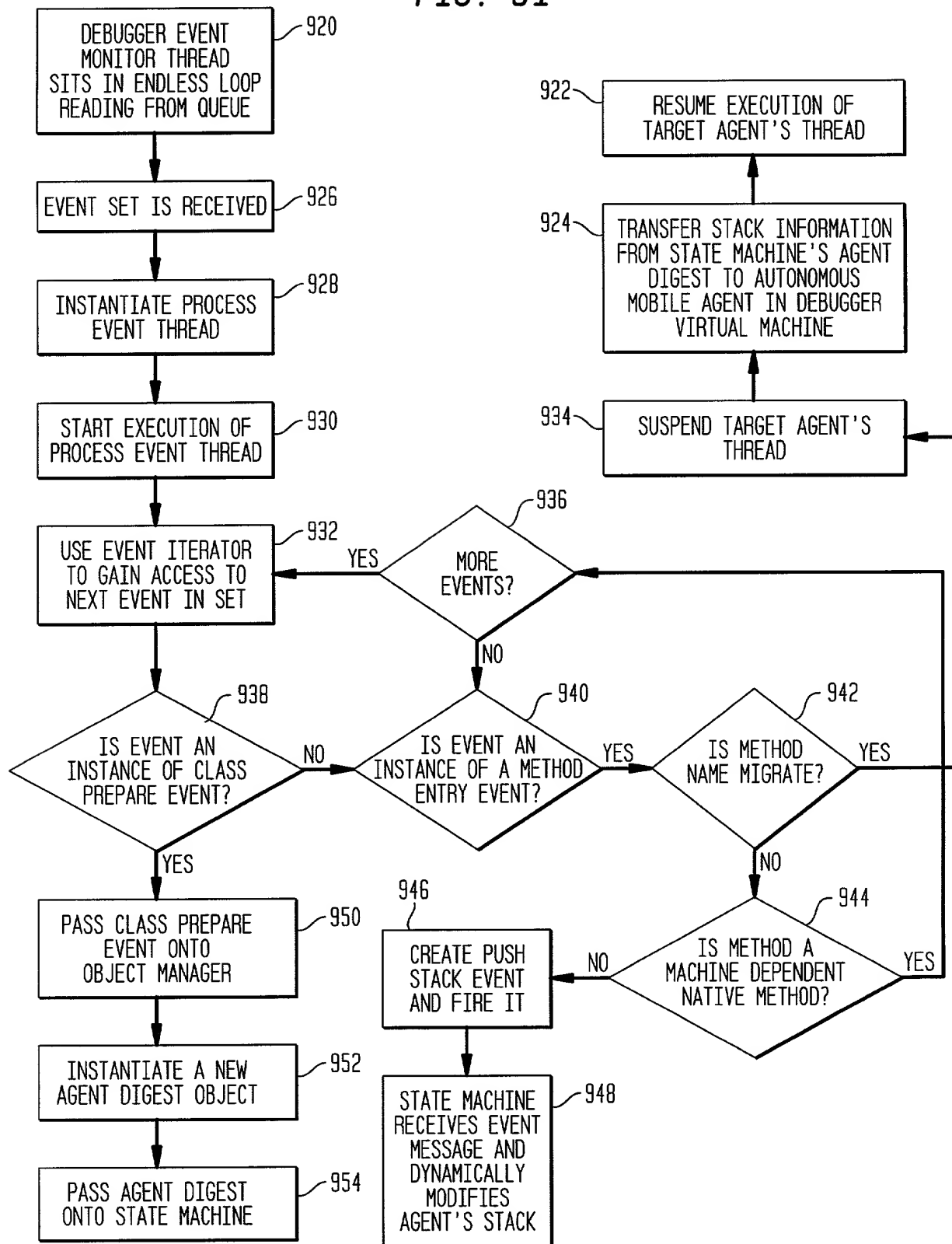


FIG. 32

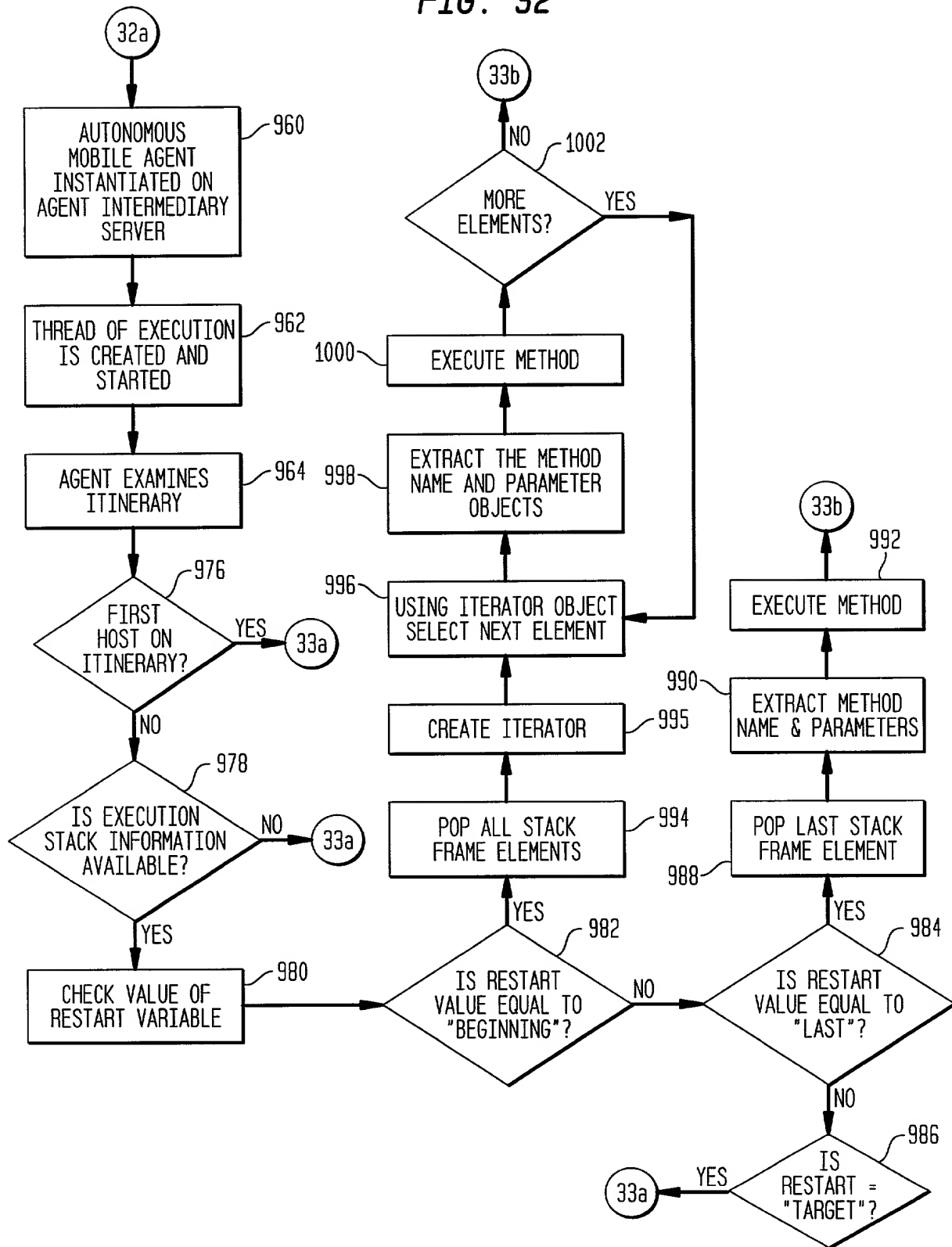


FIG. 33

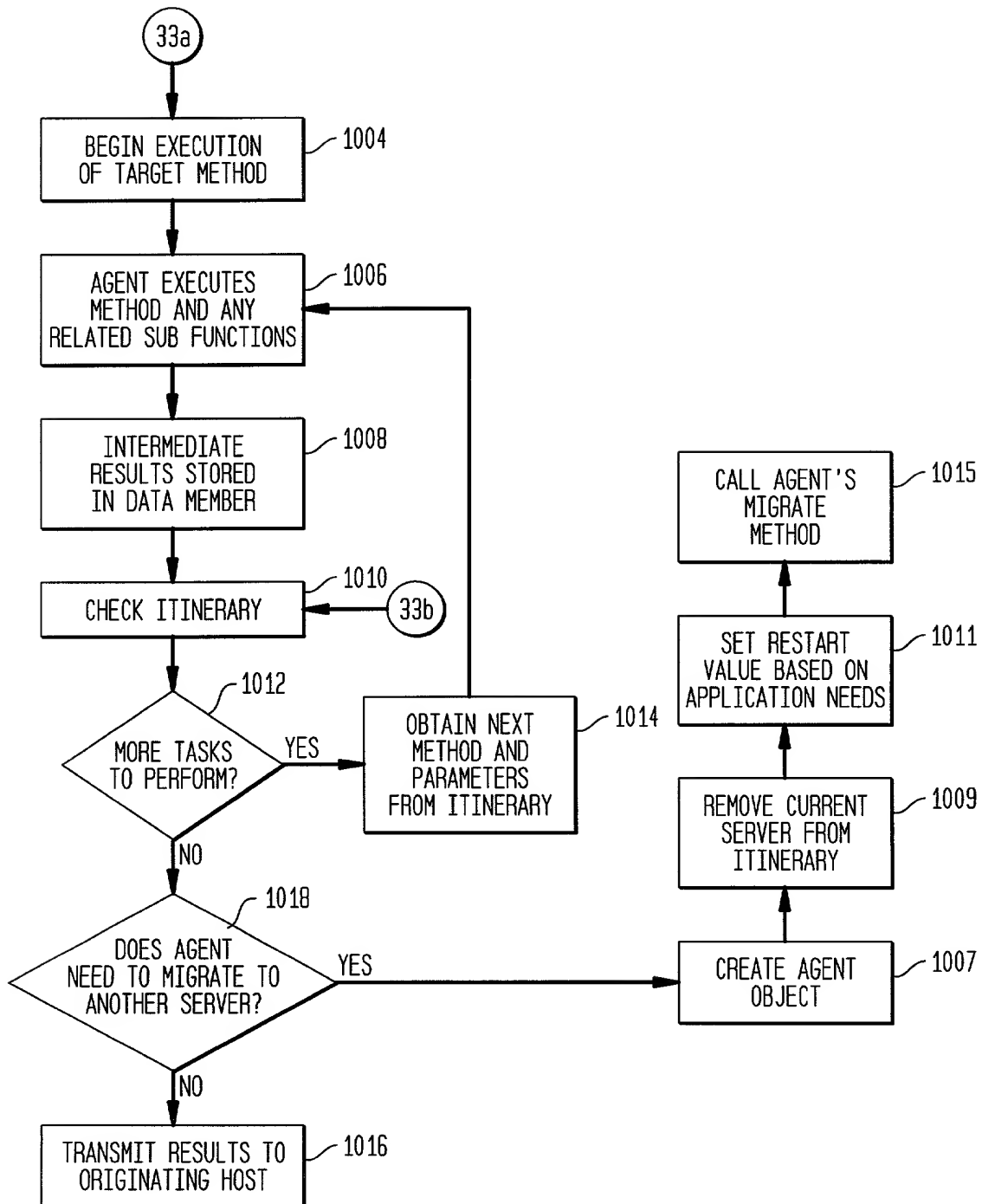


FIG. 34

